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<210> 6344
<211> 575
<212> DNA
<213> *Aspergillus nidulans*

<400> 6344

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ggggcgcccg gttcagagtc tgagtcata ctatcaacat agcacgagtt agacgcagct 180
gactccaccc ctctcttctg gggtaagggt cccatgcata cagaggaggc tgcacctgta 240
accctggaag gtgagctggt gtacacggtt tattgacggg gggcttaacg gcgggataca 300
caaaaatggg tggttagccg gaattaggag atatcgacc cgtgccgtct ctggccagct 360
ataatatcct acccctcagg ccaagtcatg tcctttttgt gggaacctag ttccaagctt 420

agtgggtctga ccggtgcctgg ttccttatat gaagcggcca aataaaaaaca tggggcctag 480
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<210> 6345
 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6345
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<210> 6346
 <211> 583
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6346
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 gggactcact tcgtgacggg accatggacg gcatgttgcc ggtgattata aatctgcaag 180
 tattaccgct ctgtcatgag gagacttagc ttgaagcgt gaattactat gcgagagttc 240
 tcacgagtga taataagaaa gctgtggtag gggagcagct agcttgtcca cgccaaggac 300
 tgatggcccc ccgattccgc gaggttcagt caccacgc gcataacgtt tctgcttata 360

tgtggaacct tggcctgccc acagccgcgc tcatacctag atctgactcg aaaacggttc 420
gacctatctc gctagttggg cgtacttggt tactgttgtc tgattttcat ccggcctata 480
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<210> 6347
<211> 583
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6347

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caggcaaaga gaagcaaaca cacgcgccac agagggaaac ccagccgccg ccaaacaaag 180
cggacgcaag aatcaaccaa agganattcg tattcggtgg cgttaagctt atggcaggat 240
ctttgaatga tccttctcgc tatttcggtg gcctccagtg gcatatgaaa gcctggggcgc 300
tttggttttt cagtccgtaa tcatggcctt cgtaccactt ttaccgggga ttgtggacag 360
gaagatgcct ctattgggca taaaaggggc tgacacaagg atgtagcctt atccgtatat 420
aacttacccc cggagttcac tttgagcctg ttgtagatgc cctcagcaaa ctcttcagt 480
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<210> 6348
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6348

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gcccgcgagt gtttgaggagg agctgaaaat aattgttaga aagtacttag cgttatttag 180
gagatagact cagccttgcc tttcgccata tttaacgtgg tcgtataaat tgtgttttgc 240

gtagaatatt tttgtggaga cgcctatcga taaaacacgg ttacggggaga ctacaccggc 300
 cagaagcgca actggggcgc ttacatgcag gcgatctgca ggtgcttcct cctccataca 360
 acgtttttctg tagttgcctg tgctccagca tcgctgtctc tatgcgtcgt cttataactc 420
 ttcatcagcc atgaatgctc gtcgagaggg gattgatttc ctactcaga gttactactc 480
 agatagaaac agccataatg acagcttctg gcaccacttg caagataacg cctccttgac 540
 atacgtcctt gtcacaacag tatctgtgct ttttttcttg aaccacttta gatcaattcc 600
 tgcttcattt gccagagcct tgtgggacct tgcncgctac ttaactccct tccgcatcat 660
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 ctacagctagg gtttttttgt taaaaccctt gtggaaaaaa acacttcctc cgggtagaac 840
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 attactgggg aaaatttttt gcccaactta aaaatattg 939

<210> 6349
 <211> 625
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6349
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 tcgtcaattc ctgcgagccg tataggactg ggtgggtcttg gaagtctctg ccgacggcag 180
 gaagatcgat aacttggttc acaccagac catggaggac gtctgatgag cctattcccg 240
 agagttgcag gatcttgggc gtatgtatcg caccggcggc catgatgatt tcttttcgag 300
 cccgtacctt gcggcgctct gcgccttggg gtataacatt aaaggtcggg tcatatccag 360
 ggacgtattc gacaccggat aagtcaggcg taagtctagt aacgagggct tctagcagca 420
 cgtgataatt ctgtctctca tttgaaagct catggtaagt tgttcgtccg tacgaacgct 480
 ctcggtgac tggatcaagc gagttcggac tccagaaacc tcctatagca ttggcagagc 540
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 ttagaactgg ttctgtccac gcaat 625

<210> 6350
 <211> 625
 <212> DNA
 <213> Aspergillus nidulans

<400> 6350

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agtatgagaa catcagcctc agtggaatca gtaagtacgg tatcgtggtg cagcaggatt  180
accttaacgg gggcccgacc ggcgagccga gcaacggggt gagcatcacc aatgtcgaat  240
tcaccgatgt cacgggaacg atgagcgggt gaaaggatta ttacattctt tgtggggatg  300
ggagctgtga gaactttacg ttcagtgggg tcagcatcac ggggggtagt gatgatagct  360
gcaattatcc tgactctgga tgccttgat ggatatcaag ttaagcggg aagcagtgtg  420
tctacagcta ggtagcatgt tcgaatagca gtccattgct gagcctaate tatttctagc  480
ggttaccaac ccaaagaacc tattgagcct ggttcttagg agccggagga gccggtcctt  540
catggtaacg tacgcctgtc attgtagct taaccgatat tcgttgggct ggtgagaaat  600
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<210> 6351
 <211> 325
 <212> DNA
 <213> Aspergillus nidulans

<400> 6351

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agggcttaca actgcagatg gggatcttag ctctgcacct ttgggataaa taggaatgaa  180
tgacttaggc tctggacct ctgtgttttt atttgtgaaa tgggatgaca agggtcacct  240
cttaggtgca tcatatcaca cctgtgagaa gctggcacac agtcggaagt aaccagaaga  300
actttctagc attgggtacg taagg                                     325

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<210> 6352
 <211> 582

<212> DNA
 <213> Aspergillus nidulans

<400> 6352

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acgcgggggac ggacaaagcg gaccccaggg acccacgaag accgaacgca ggaaggcccg 180
ccacgaccaa agccgggaga ccacgagcga cgagcagagg caacacgcga aggagccgac 240
ggagccggcg caggacagga aaccgcccgc ggacacggaa aaccaaagga ccgaacgacc 300
agacaggcca aggccaaaaa aagaaacaag gccagcggaa caactaacca actacgcgcc 360
cacgcacaaa ggccccaga acggccacaa gagccccac acaggacgag gccccagaa 420
acggcacacg ccccgaggcc gcaggacgaa accagagcca gcccccaaa gcaacgaaaa 480
cggggcaacg ggcacgcagg gccacctcac agcgggagac ggcccacaaa acccaacagg 540
gaaaagggcg acctgccaac gggaaggcac caaccgacaa ca 582

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<210> 6353
 <211> 323
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6353

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cgcagcccac gggggggatc tggtgaccng cagcgggagg acacacaagc cgaccagga 120
aggaacccca acgccggcag aggaacacag anccaaccgg acaaccacga gaagcagga 180
caaccggacg gaccacacga cccggcagac gcgcacgcgc cgcgagcgga gcggcacccg 240
ccgcaggcca cccgaggaga cacagacagg cccgaaaaga cacaggctga gcgcgcgagc 300
gcgcaggaga ccagcggaca gac 323

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<210> 6354
 <211> 716
 <212> DNA
 <213> Aspergillus nidulans

<400> 6354

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aatcagctg ttcgtacagt cgccagtggt caaagccagc ttccagatgc gggaagaaat 180
cgcgggcgaa gatgagctgt gccgaacttt ctggattgaa gtcaatataa aggaagtcgt 240
ggtagctctg tccagaggcg atggggaaag aactgccggt tttgaagagt gaggacattg 300
cagcgtttga tctgtcattc gagttctctg gagagagtgc tcggggccct tgtccttcaa 360
caggataggg gatgatccag tggacgagta gcagctgcct atggaggcga gaatctcctc 420
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tgtatagggg atgctctgcc acagtgacgg ctcaatagtc ccggctaagc ccgccgacga 660
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<210> 6355
<211> 533
<212> DNA
<213> *Aspergillus nidulans*

<400> 6355
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gcgtacttca cggggaatat cctcgccacg ccaaccgacg taaataccgg gagcatgttt 180
gaagagttec ggtggtgatg accacttcta tgacttaaac tgccagggtt gaccagtggg 240
gaagacggcg acgaggcgct gccagtagtc cggtttgaag ttcgcagtgc tgtcgacgag 300
gatgaagcgt ggtgggtttg cgggccgtgg tggccttgag aagccagggg cgcggaaga 360
cgaagaaagg tgtcggagat cccgaggagt ctgttgatg taaaggatgg ttgcttgccg 420
cactaattgg gaatagccag agataggggt gtccccggct gccacgataa ctaccgttgg 480
ccaaaaatg aaccggacaa ttgacattcc gattaaaaaa gacgccgagg gga 533

<210> 6356
<211> 611
<212> DNA

<213> Aspergillus nidulans

<400> 6356

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actgccgaac acgacccaag cggcgtcatt tccttgaata tgtcagcgca ggatgagccg 180
gtgcctggca actggaagaa aaaagctgat gatgaagtca agatggaaag tgctcaagag 240
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agaggagaag aagaaaaaag ctcgttactg tatgctaaac aagcgacgta cgtccaagaa 420
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gaaacgacag caccagggta cctgttaagc acgtcaagcc ggactgggac ataaccatgc 540
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ctggccgtcc t 611

<210> 6357

<211> 563

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6357

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atcccgaag tttcgacaaa aactgacaat acctcttcgc ggccagcaat tacaggatca 180
ttgaggggag acacgcaagc gcatcgctct cttaatatcc ttcaagctac cagtacagct 240
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ctaaccacaa tgcgtgtgtg gaagcgtga tgctccact tttgtactag gccttcaatg 360
ttattgtgtt atacttatgc ttccggagag ttgattgctc gagaaaaggc agcgacatgc 420
atctgagatt gtttagcttg atgnggagta tgggtgtgggt gatttttgag gggcgctgca 480
tgcatctctc tgggtacaatc ggcaagccct ggctctgggg agatgtccta gcagctgcat 540
gactgaaaga tgtcatcaaa aaa 563

<210> 6358
 <211> 863
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6358

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atcgttatcg ttatcagtag tgcggggaat ggcgggctaag gactgacagg cggtcgatcc 180
gccatcattc ggatactttc cggatgggtc ggcgatgaag gctgtagtaa gttgtgggag 240
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aattgtgtgg gttctgacct tccaatagca aaacaatggt ggtgctggtc tgggcataaa 480
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caaagggtggg atggagtcca aaggttttcc aagacccttt gggttattca cagggtcccc 780
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aagggggtgg ttttatattt ttt 863

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<210> 6359
 <211> 116
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6359

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tcaggtaggt atatttttga aattctttca gaatgatata agttagaggt tttagg 116

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<210> 6360
 <211> 638

<212> DNA
 <213> Aspergillus nidulans

<400> 6360

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ttcccaattt ccgtttgata cggattcagc aaaagcgaac atcgccctata cgcagaatct 180
cgttaaagtc atccgttatg ctctgaact ccaagccgat attctagctc tcatcactga 240
aaagctggtg aagatcgacg tccaaatcca ggttgatatg gaagacttgg aagatgagga 300
gggcgaggaa gtcctgcacg ccatttctcc agaggctgtg atgtttgctg aggacctgga 360
cgatgaagat gacgatgaca acgcttccgt cgtaagcgac gagtctgttg agccggaatc 420
tcgacgtttg aagactatca aggagaacat cctcaactg gacggcatga ttgacacact 480
gttcgaatac tacgcaccac cttcacatc aggcaccctt gacgacaagg aaaatgctct 540
cgacctgctc ctgagccatt tctcaactat cattctaccc acctaccgct ctgcccattc 600
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<210> 6361
 <211> 492
 <212> DNA
 <213> Aspergillus nidulans

<400> 6361

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tctctttccc ttttttttct ttatttcacc agcattggga tgcgccctgga cttcattctc 180
tcaccatttc tttgcttttc ttcaattccc cattgtctct ttcccttctaa ctgtatcttt 240
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ttgcgatgtc aaagtatgta atgtgcaaag acctttgagg ttgtcgtttt agcagccgaa 360
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<210> 6362
 <211> 828
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6362

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acgggcatat cggcagcagc ccgcgagtct cgcctcaaag atgggtggctc tgccatagca 180
gcattgcgac tgacgccgtc atcctcggtt tcatcccgcc cccatgcctg cgcaagccgt 240
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cggacagccg cgctgacttc cacgtcagaa agggcgctct gcatttctc ccagagcgca 360
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gcgtcgagag gcttttgtga agagcgctg cgatgcaaca gagggatttg cgaccattt 480
tgatcacctc cagtagtaac taccgaaggt acgggcggtt gaagcgatag attcgatgca 540
ttgtgggacg gcggaccctg aaaaagggcc ggaggaggca gacgctggga gctcactttt 600
ctcaaagagt caggggaggg gggggtgtcc atgaatacgg aaggcagctg gacaatttgc 660
agcaagcttc tcacattctc ccaataacaa attctctctt atattactca nagtaaaacg 720
agatggaaca ctccaaatgc agtaactcga tgctatggct cttatcggtt atcgntatcg 780
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<210> 6363
 <211> 644
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6363

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atcccatatt ccgagcacgt tcgtcccgcc aacctggcac ccacatgtgc tacaaaagta 120
cagtttcgct ccgctcccag gcggcggtga tgcagtaaga ttatcccagc ttgagggggc 180
tataaaggag ggttttactc cttctggaag tggagcgtag tacgaggcgg ttgtgccgtg 240
ggttgtgcgg cagaggggtgc aatggcacag atgcgcgcgg agcgggaggg aggttggttc 300
  
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aacggtaagg gcgaagtgag tggaacgaca gtggcaacgg atcgttagt tttttgtaga 360
catttcttat tcgcttaagc aaagatgaac ggatagggat ggagatatag atgaggacct 420
tgaggaaagg ctgcagaggt tttagtgtt ttgtatacga tgcggggtaa cagatgggct 480
gacgttatcc tgcattgacg gacttgctta taaatatcaa atctaata tctagcacga 540
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<210> 6364
<211> 596
<212> DNA
<213> Aspergillus nidulans

<400> 6364

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aaaagacagg agagcggcaa caaagatcat cactggcctg accaccgagg gcgccgcct 180
gagactacgg cacaggaccc aaccgacgca gcacagcggg caciaacggg ccgttctcgg 240
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gaatccgaga ccgctgtgac tgctcctgct ccacgccgag ctcatagaag cgaacacgga 360
ggatggcaag ggtggaacgg aaatggggga caacagacgc gctggatcga caggcggcag 420
ccaacactga gacctaacgc tggagccagc ccgagtccca gtaccaggag gaacctggc 480
aagacctgcc aggggtagca acggacaatg ccagcttcaa tgacgagacg aagactgaca 540
ccggaccagg gaaggcatg gcaaacagat gactcagacc tagccctaac agggcc 596

<210> 6365
<211> 1240
<212> DNA
<213> Aspergillus nidulans

<400> 6365

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agccctttgt tcccaccagg ctgtttttcc accagtgtca agggcatcc tcggcacaat 180

aggttgacaca cccgtgcttc gccccgttaa ctgggatctc cttgaacgga accgcttttg 240
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 atcccagcgg tgatcaagaa gtcaaccagg gcagccttca ttttgggtctg gcaagactta 360
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<210> 6366
 <211> 632
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6366

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 agggaccaca gacaaacca ccagccaacg gaagagggcc aaaagcccca aagcaaggaa 180
 gaggcggacc acggaacaaa acgggcacac ggggaccgcc cagaacacgc agacccaaag 240
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actgcaacgg acggcagggg aaaggaaccg ccagacccgc acgaagacaa gccccggcga 360
 ccgggaacaa agctgcaccg aacacgccgc cgacacccca gcgaggccag acagcagacc 420
 aacgcaccac aagactaccg caaggcgaag ccgacagcag cacaccaaaa ggcaccctgg 480
 acagaaccag cggcacgaaa ggaaaggcca cacaccggcc caacacccgg gacaaggcca 540
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 gccacggaaa aaccgggaca aaccgcccag aa 632

<210> 6367
 <211> 730
 <212> DNA
 <213> Aspergillus nidulans

<400> 6367

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 gccctgatga tggccccaaa gcatggcaat acttccagga cggataaaaa gattttgtca 180
 ggctctacgg ggatggatcg gatagtgtca caggccaagg cgagcgtagt cgcggtttcg 240
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 aaggaggcgg cgtatgccaa agcctgggat aagacgtcct ttgccgccga tagtcgggga 480
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 gcgaatcgca tcctaccggc tttttatacc catacaggtc taccttatcc ggggtgaat 600
 ctccgtcacg gagtgcacca gcagcctttt tacgccatt caccgtagaa tgcggatact 660
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 cagacatgca 730

<210> 6368
 <211> 370
 <212> DNA
 <213> Aspergillus nidulans

<400> 6368

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 ccttggttaga gtcagtcact caatagggga aataatttgg agtattttga ttaccaaatt 180
 gaaaagagca cgttggtatt attatttaca agattttatg gatgattatt tattccgggt 240
 ctttgattgg aatggtcagt aggattgaga taatgattag ctcgggcctc tctatggctg 300
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 gcttaagcct 370

<210> 6369
 <211> 838
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6369

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 caatacccgg gagcgaagcc tcacggagtt tcagcgactt ctggatgtca tcagcgacag 480
 cgcgaggcag ctagtaggtt aagaacctcc gccagatccc cagcctccgc gctgtccgnt 540
 atggatgttt ctatcattcc tacacgaacg gcacaagtcg actagtgtatt gacaacaccg 600
 ggggccggat tgcattcttt ttccatcctg atgatggttt aatttttgc aaaaaaagg 660
 ggtgttgga gggccgaagt ctttaagga aaaaagcagg acaggggaat ggcaacaaag 720
 cagagcaaac agggagctac cacagaacct atacagagcc gnggactgga aaggggtacc 780
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<210> 6370

<211> 965
 <212> DNA
 <213> Aspergillus nidulans

<400> 6370

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ccatcgcggc gactttctcat cggcaccccc aacgacagcc ttaaccatt gttcacgac 180
caatttccta ggcccaggcc cgcccatgg tatccgcgga tcttccgact cttcgctctg 240
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gacgggttgg tcccatattg ccggagctgc tagcagctgt gaagcgagta gtgtaatgtt 360
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gaagatgtta gctgttgc ttaaacagac cgagaagctt atcggcattg ttctgttacc 480
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caaatgcata cttcggcctt ttcacctcct ggggcttccc acgccgcgaa tttgactttt 900
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caata 965
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<210> 6371
 <211> 501
 <212> DNA
 <213> Aspergillus nidulans

<400> 6371

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gcccgcgcag accagaacac aagaccagc acagagctgg cgaacaccag cgagagaaaa 180
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aaacatcgag tgggcaaccg ctcagccccg caaagggcag acatgaagcc gagacccagg 240
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 aaaaaggcgg acgggaacaa gaaacggggc cgggcgcccc gcgcggcccc agaaagggcc 360
 aaaacaccga ggccccgaca ccggagagag atggaaaccg cacgcacgaa caaaaaagcg 420
 accaaccggg aaacaaaaac cgcaataaag aagagcaccg gggctgtccg gagggccccg 480
 ccccaaagag cgggcaaagc c 501

<210> 6372
 <211> 583
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6372

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 aataggaaga ggggttcggg tttcatgaag tggactatcc agaaagtacg gccgggcggt 120
 gttctccctt cagttgcttt ccaatatagg gtactaacgc ggcttttcag ggccaaaaat 180
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 cagaggtcag ctagttactt tcaactactag gccgtgacaa ccgctaacgt tatgttttag 360
 acgtgtataa aataggtgat attgcagttg atctgtccaa tgttgatctg agcagattca 420
 actcgaagct cattgacgac aggcgcgcgt acgatataca gctccatctc aaggtcactt 480
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 tgacaagtat tgatcatagt ctggctaaat actactgatg gtc 583

<210> 6373
 <211> 812
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6373

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 tcccatcaac acaatcagtc tcaagtagtc ccccttcac attgaatcat ctggatgcga 180

ttcaatccaa gatgagttaa atcataacat gccccgtcat cttagagcct agtccaaggc 240
 cagatttata ctatgcccc tgcgcccaca agcggtagta tgcaaggtaa actagacttt 300
 aactaaacta tccgggtcaa cacgcaggat atcctccgcg ttatcctcgt tctggatgag 360
 gacgcggccg cgctccgcg cgccgatgac aatgtagtgt gcgtcttggt agcggacgcg 420
 ggtgccagat gggaactggg actggggcag agcagatatg gtgttagtta tgacagctga 480
 gagacggaca agaacgttgg tacatgggtt ttaggaatg tttgattggg atggaggcac 540
 gggacatact gccatagatg gacttaacga tttaggtgat agatggatga ataaatggct 600
 ggtgaagtgc cattagctaa tcacactgtg ggtgggatgg aaattggagt ctgtttgccg 660
 tatgggacga tgtttcttta tcttggtagg atgacaagta aactctcgca ttttaagctg 720
 tctgactcct ccaatgcaaa aatgcaggct agtttattgg ccaagacaag ttgttaattc 780
 taaattttgt atttcaacaa tacgggagag ca 812

<210> 6374
 <211> 610
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6374

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 agacacgaca gccaacaccg gcaaacgcca gacagacagg acgagcagga caaccagcac 180
 gggagggacc agcgggagaa caacggaggg accacagaaa aaggcagaac gcggcggcaa 240
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 acaaaaaccg gaggccaaa acagcggcac gggggcaacg gaaccacacc aaaaacaggg 480
 gagggaccaa caaacgcccc gccgggaacc aacaggggac ggggaacgag gggagaaagg 540
 ccaaaaaagg ggaaaaaac aaagcccggc ggaccagaaa agaaaaaac acaagggggg 600
 cacaagcgc 610

<210> 6375
 <211> 612
 <212> DNA
 <213> Aspergillus nidulans

<400> 6375

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 acgcaaacc atggagaaca gacggacagc agcgcaagag aacacactga caccaggtcaa 180
 ccaaggaccc gagagacact actagtggcc acgagtaatg ctggacatgc gagtgtgact 240
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 tcactcagag aggggtgaaga cgaagcggcc agagcaggac ccgcaatgac gggctgacca 360
 cggccaaggc gaaacgaaag tgcacaaccc ccagaccatg agcaccagat atagacccca 420
 ccgtcgaatg gcaactgagg ggacaagcac ccgaagaacc ggaggcccaa aatccaagga 480
 aaataaaaaca agaaaagggc acgggaggaa ggatcacaag gcaaaacccc acccaaaaaca 540
 aagggcggac aaaccagga gcaaagtccg gcgtaaaaaa cagccgaagg caggaaaatg 600
 gacttgacag cg 612

<210> 6376
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 6376

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 cactgtatgt gaccgattca actttgtgca cgacttggtc ttgtacctct accagaacca 180
 acagtacaag tcgatcgagg tctacgtgca gcgtgtcaac ccctcacgca ctctgcgggt 240
 tgttggcggg ttgctcgatg ttgattgcga tgagagcatc atcaagaacc ttttgaccac 300
 cgtcgaccca tctgtgattc ccattgatga gctcgtttcc gaggtcgaga cccgcaacag 360
 gctcaagctc cttctaccct tccttgaggc cacacttgcc actggtaatc agcagcaggc 420
 ggtatacaac gctctcgcca agatttacat cgacagcaac aacaattcaa agaagtttct 480
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574

<210> 6377
<211> 699
<212> DNA
<213> Aspergillus nidulans

<400> 6377

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<210> 6378
<211> 576
<212> DNA
<213> Aspergillus nidulans

<400> 6378

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caaatgccac cagacatatg gagtgttcaa taggcaggag ctatccgcgc cagaaaaaaa 180
ccccaccctt agagcagatc aacttactga acgaagctta acatgagctt cacacggcca 240
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gattgttaat gcaccaata ttgttatcca caactcaagg tgctaaggga gactcatgga 360

gaacaaaaat ctccactatc acaaaccgac aactgcccc a ttgattaaga gtatcagtga 420
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 gccagaaaag ccccccggc aaactgcctt gggcaacaac cgatatagcg acgtctatct 540
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<210> 6379
 <211> 722
 <212> DNA
 <213> Aspergillus nidulans

<400> 6379

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 taagcactga tttcaccatc cttcagacgc gagatcagag cggtagcatc tgagctttcc 480
 gtgatgtcga tctcgcgtc ggtcaggatg ccgctctgtc gaggaatatc aagaatattg 540
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 cctgcaagct catctcgctt gcgctgagcc ttctgctgcc agtccattcc cagcactacc 660
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 gg 722

<210> 6380
 <211> 1103
 <212> DNA
 <213> Aspergillus nidulans

<400> 6380

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cagtcagcgc actttcatgc ctctttctct tctctctcta ttctgtatg tctggaattc 180
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attggccatg gtcccgcca ttg 1103

<210> 6381
<211> 970
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6381

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<210> 6382
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6382

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 caagaaacaa ggccagcatg tcgccggcgc tggcttcctc aacctgtcaa tcatcttcgc 180
 ctggttgtaa gtgtcttagt ggtccggggg acaccgggcc accacccgc gtgcttgct 240
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 gcaagctgca gacagatttc gggctagtgc agccggccat tcacaccaa aagaaaatct 480
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<210> 6383
 <211> 1041
 <212> DNA
 <213> Aspergillus nidulans

<400> 6383

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catgaatcca tgatatatat atttgacctt ttccctgtttg ttagtttcta cgtgggtccag  180
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<210> 6384
 <211> 1395
 <212> DNA
 <213> Aspergillus nidulans

<400> 6384

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<210> 6385
<211> 478
<212> DNA
<213> *Aspergillus nidulans*
<400> 6385

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 acagccgcaa agacaacgcg ccctcgacca gagaaaccac cgatgccctc cacaaacgcg 240
 agacgcggac ccaacacata acccctatga acggaatccc aaccactggc agcgcaaggc 300
 cagagcccag gagcgacgg aatagagcct ggaccaacaa gagcgcccct gcgaccccc 360
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 atccgctgat agcgaacgca agaccccgcc cagggcaccg attaaggccc aaagcccc 478

<210> 6386
 <211> 577
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6386
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 aatgagtata agaatcaatg tcgttccgag agctaaaggc gtataattag aggggactac 240
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 cagcctgggg ggtgatacgc gccaaatgac gacgctctcc cgtcgtccag tcgacaatcg 360
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 tgaatggata cttacatccc aaacaacgac cgtccttggc gccacttga tccgggcctg 480
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<210> 6387
 <211> 456
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6387
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atgaaccca acaaaggctg aggacacgga gggagcgcaa aggcgcgcat acgagcacc 180
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<210> 6388
<211> 585
<212> DNA
<213> *Aspergillus nidulans*

<400> 6388

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<210> 6389
<211> 721
<212> DNA
<213> *Aspergillus nidulans*

<400> 6389

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gtcacaacgt agagatttag agattgtaag agggtagcga tgagatgaag ggaaaagaga 180

aaagaaaaag ataatgcgtg ataacaggcg cgggtgggct agtgctggta tgcgaagggt 240
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 aagagggcga aagttagagt ttgcatccac gactcctccc tgtcttgagg catagttttg 360
 ccagtgtgag tttggttgtc ctttgacgga agaagcagga cagattgtaa gtctttgctt 420
 tccatgaggt ggaaaacgac atctgctcat acccgctccga cgggcatgtc gtgacgatgt 480
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<210> 6390
 <211> 913
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6390

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<210> 6391
<211> 492
<212> DNA
<213> Aspergillus nidulans

<400> 6391

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<210> 6392
<211> 660
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6392

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gcttttccgc acaacaaca aacacctaca agacttaatg gtgagcccaa gcccggaatt 420
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<210> 6393
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6393

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 gtgaccgctg ccttccagag gcaacatcca gttgatccat accgaataat gggatcatcac 180
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<210> 6394
 <211> 466
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6394

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 ctcttggtgt cccgtcggtg gcctgccatt ccagcgagga cccaagacta cgaagttcag 360

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<210> 6395
 <211> 889
 <212> DNA
 <213> Aspergillus nidulans

<400> 6395

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<210> 6396
 <211> 1132
 <212> DNA
 <213> Aspergillus nidulans

<400> 6396

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 catattgcca cgccagctcc ttggacattg cggacattgc gcataataa cctgttgccg 960
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 gtttctttt ggtccaatgt ggtgtgttca gaccacccta tgcgccaatt gaccattgtc 1080
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<210> 6397
 <211> 505
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6397

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 aacaccccca acacaaaaca ccaccccaaa accaaaccca aacaaccca tcacctcccc 360

acaccaccaa cacaacaccc acaccaacaa cacaaccacc caacaccaac caccaccccc 420
ccaccacccc aaacacacaa aacccccacca acaaccaaaa ccacccccac acacacacac 480
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<210> 6398
<211> 471
<212> DNA
<213> *Aspergillus nidulans*

<400> 6398

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gcactagaga gatcacaact gatagaccac aacggagaac atgacggtta caaggaggga 180
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<210> 6399
<211> 561
<212> DNA
<213> *Aspergillus nidulans*

<400> 6399

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caatctgtgt atcaggagct ggtgcttcat tgccagactc ctgcctggc atggtgatgc 180
cgttaatgag ctcttcttcc tcttcctcat cctcagactc ttcttcagaa ccaataatat 240
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ggataaaatc gtcttcatcg tcaacaccct ctggccgaga tgtggagtaa tttgtaggct 360
gctgcaaccc gaaatctttt gcatcatccg ggagagattc ctctcagac tcttcgccgt 420
cctctttctt ttcggccgcc tctgctttcg cctcgtaacg tcttcccacg cattctgcaa 480

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<210> 6400
 <211> 986
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6400

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 ggccgacacg ggggctgaga tacgtgcttg atagtgccaa ccattggtcc aagaagaacc 180
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 gagaaacaca tgcgagaaag actgattgga tataagacgg tatctaccta atgcacccaa 420
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 tgatttgaaa cgagttaaga atgtaagcac tcgtaagcaa gcctaggggtg ccacccgacc 600
 agccgatgga tgcccttgcc ttggatttac gagtgaatgt tgatgtggcc gtgagcgcgc 660
 ctgcgggagc gcttctcttt aagcatgcgg gacttgatct ggacagcctt gactgcaaaa 720
 ttcgtgttct ggcccggggt gcattctgta ccgctagaca gnggtttgga cctccgtcca 780
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 ggtgcacggg ccggaagggg cgcaagcgtc gaagtgggtg ctgtcttagc gtgaggtcgt 900
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<210> 6401
 <211> 983
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6401

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gtggaagacg agggccacaa cctctccact cgcattcttaa cgaatctgaa ccggaaaccc 180
tggaaggaac gacgtcgcgt tagcttcagt cacacaaaat ggtcctcatc ggaaagggcg 240
tgccttctgg atagggtgctg atccttgaca tgcgtctcaa aggctacctc agacctgaat 300
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cattgctcag atttgatggt gtaccgccac aagctgatgt atatgccgac tgataatagg 540
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ccccctgggg taatcctgga aagggttccc cagccgtggg ggggggtccc cttttacccc 900
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cccccccctt ttctttaaaa aaa 983

<210> 6402

<211> 592

<212> DNA

<213> *Aspergillus nidulans*

<400> 6402

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ataggatatg catatctgac agcagcagtt gtttgcggtc atgtaatgag gacagaaatc 180
taagccggta atagtacaga agttgatatc atgtcgtatc ccaactcaac atccaagcaa 240
gtcaattcat tgtataggcg gtgaagattc tctcaagatg catttcaaca gtcagtaatc 300

tagctcagaa ataatctaaa tcgttagtcg tatcgttgaa acaattatcc gggaaccatc 360
atcttaaagc tggtcattat gcgctcgtgt cccaggtgca ggggcaattg tagcctcagg 420
gtataacggt cccgttcccc acgtggggccc ggacaccggc tgcgtctgag actgatatgc 480
catcccaggc tcatacgtcg ggagctggcc gcctagactg ggattatgag ttcgggtata 540
accctgctgc atctcatacc aattcgtaac atcttctctg ctagatgagg ac 592

<210> 6403
<211> 559
<212> DNA
<213> *Aspergillus nidulans*

<400> 6403

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acacaacccc actaaccccc cccccacccc accccaccca caccacaacc ccaacacccc 180
accaaccccc accaccaaca ccaaccaccc caacacccca accaaacttc ccaccacccc 240
cccaacacaa ctcaccacac atcaaacacc cccccctccc cccaacacc accaccaaac 300
caaaccacac ccaccaccac acacaccacc caccgaacc cccaacacca ccccaccaca 360
accaccacc caccacaca ccaaccaccc accctaacac ccatcccaac acccaatcaa 420
ccaccacaca caaccccaga ccacccccaa caaccacca caaacaacac aaacccaaaa 480
ccccacacc aaaccccaac cccacaacc accactcaca caacaaccaa aaccccaaca 540
ccaccccaac acccaacac 559

<210> 6404
<211> 969
<212> DNA
<213> *Aspergillus nidulans*

<400> 6404

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acataagcac atcttaccgg tcgccatatc gatggcctcc caagctgtgt gggagaagca 180
cccgatacc gactgtgacg agctgttgaa actctcagat agtatgattg ttcttgccgc 240

ttctgcccgg gattaggagg gtgcattttg tccggttatt cgcccaaagg ttattatgct 300
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 aaaacctagt ctactagag taagttaata ctgtcgtcaa attgattgaa aaactaattc 420
 tggtagcggg ggtgatgtta gggaagacgc tactcaatac ctgtagctgg agctgcagtc 480
 tcaagagcaa taatggcacg gatagtactt ctggcgggca tttctaccag cgcaatgttg 540
 cccagcggct tactttgttg tgaaatcggg cgcagttaga aattttcacc tacaatgcct 600
 cagttatttg ctccaatggg ttttccactt gagaggatta acccaaccat acccagggtca 660
 gaaaggcttc ttataaaaat gcataacctt gccagttcca aacgcctcat gagcatcaga 720
 gctttgcata atcactcttt ggccggggcg taagtcattt aagcttgtcc aaataacaac 780
 ggctccttaa aatgctttaa ggaattgccc ccaaactcct aatttccgtc ccttagtttt 840
 tgaactttgt ttgaaccaat atttttcttc ccataatggg ttgaattcag ttcgagccgt 900
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 ggtattccc 969

<210> 6405
 <211> 436
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6405
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 gacacagtgc cgaagcggct tggcatgagg agcaccgcgc ttaactgaaa cgctgatga 180
 aggatgctgc taccatctcg ccaactccag atgttcgatt gagggctcat gccataaatc 240
 agaggccggc tgcaggagga ctgggaccga tactgtacgg gtaaattggca aatgatcctc 300
 ggacggagat agatggcctt atgacgatgt gtgtctgctt ggctgagcta ggatgctccg 360
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 acccaacaat gaactt 436

<210> 6406
 <211> 548
 <212> DNA

<213> Aspergillus nidulans

<400> 6406

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tcctacgatg ggcatgagcg actgggcatc tgtagaacca gtctcgtcaa cactggcagc 180
acaactggca ccgcgctctc catcccaggg aagccagatt catcatctaa ccaaagaagc 240
ctttgcgcaa cttcgacaag aacttttggg ggggaaattc agtcacttaa gccttgatga 300
cagtgtacc gatgttagca gacttgtttg catcgtgctc aaggccggcc ttgagccgtg 360
tatgaacgat gaaaagccgg acgaggcaga cctgaacggg caattgttgg attgtttgga 420
catcatcaaa acggcagtcg gcaaagcccc ccacactcta acaaaggttc ctgatccaaa 480
aatcctcggc gaaaaggctt gcgctccgtt atacgtttgg ctggcggtcc cacttcaaca 540
cctgtcgg 548

<210> 6407

<211> 998

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6407

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cctcctatct cccctttatt ttcttctct ccttctccc ttttctttat ctttctcccc 180
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cttttcccc cctcaattcc ccccttctt ttaaatecat tccctcccc ccttcttatt 420
ttcttctaac ttttctctcc ttctcctcca taatcccttt ttcttctct ctctatcctt 480
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tattctctct cttatacact ctttcttct tcctctcct cttttccact tcatattcct 600
cttttcttca tcccttttta ttctcttct ttcttctct ctttccccct ctttatcttt 660

tcctctctac cccaattctc tcttctcctt ctctaaccct tcatccccctt tttctttccc 720
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<210> 6408
 <211> 699
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6408
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 accggcatgg agctagctgt acgtccactt tccactgag aaccaactcc caacatctgt 180
 tgctaacaac ccaggacgc cgcttacagc ctggatggtg ggcagatgc gcagtaccat 240
 ttcggtttat ctggagagga acccgcgccg cagctcatag tggctactgg actgcctcaa 300
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 atggactact ggaactcaac gtcagaggtc accggcactg ggaggccagt cgatgccgtc 420
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 aagagcgttg atgcaatgtc tctcgagaat tccttgagaa ctggatgcag aatcgacaga 600
 actgtgagcg ttccagcttg tttagagcgc gacactgcag ccctgaatga tgcgacctgt 660
 ctatggaccc ccatcggggtt caaatgtttg cgtgtgaga 699

<210> 6409
 <211> 737
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6409
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 aacagaatca aagactagag ccagcagcct ggagggcctt tatactaggg ctactcctcg 180
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 gatattaacc ggcggaacc ccaatatcgg gcttaatcct ggcgagatga gttcataaga 480
 catttcattt gtcaagaaaa ggggtctaag aacctgatga ccaaagctg gagaatgcac 540
 agggctcaat ctgggagtgg cttacgtagc gcaaggacac tccttgacct gggatgctag 600
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 cagattgaca acggtag 737

<210> 6410
 <211> 549
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6410

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 ctgatggaa tagtcggccg cctccagcat cagagccagc tgcgggctgg tgagctttca 420
 ccagtgtgta tgactgcgat ctagagacgg tttcaacttg gacacgatat ccaggacctt 480
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 acttttcag 549

<210> 6411
 <211> 504
 <212> DNA
 <213> Aspergillus nidulans

<400> 6411
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 acgtgctaag cacacaacga gcccttgata tggaccaaga tcaacatcat tacacaccct 180
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 actaatcttt cgttggcgcc tgggcttaag cctacaactt ctctctcttc ggaactcata 300
 tccggctctg atacaagaat gctgtgtgat gtaatcgact atccagacac aatcatgtaa 360
 taactgcaca ctgtgattct taaggtagca tacacgggtt gacactaccc cgctgtccct 420
 agctgactca catatttcta gttgattatt gtaggacaca gtgggaagca aaacaagaca 480
 agtaactaga aagcacggac cttc 504

<210> 6412
 <211> 798
 <212> DNA
 <213> Aspergillus nidulans

<400> 6412
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 agaaccggcc tttttatcat agcactatcg tcctatactt gaaattagta cgtcatgtga 180
 ggacttggtg atttctcaca cgccccggcc aacttcaagc ggccgcatct catactcaac 240
 aacgacttga tcggtacgct ggatgccgcc ggctggccgt ccacccttgg cttgcttata 300
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 tatgatgttg gactcaatac tgggaaacaa agttagtctg agctcgctgt gggaaatgcc 600
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gagaaagact catgatttga gggcaagctt tacttccatg ttgagtcccg ccgattgtat 720
aaacttggca gctgaaagca cttgacatag ccacgcaca cccctatta ggtagaatga 780
actagtctac agcaccgg 798

<210> 6413
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 6413

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tggccagtat tatattcaaa ctctactcta cgtattgtac ctggcattgt agtgcatata 180
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attgcaaggg ctactgatta tttaatctga caccctgagc aaagctagta agtagcttat 360
ggatgaatat ttctgtggta gagcaaacca tatcagcaca gaagtcttta gaagcatgtc 420
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<210> 6414
<211> 743
<212> DNA
<213> Aspergillus nidulans

<400> 6414

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tcaacaacca gcacagtaag aaacagtga tccgccctcg aaaatgacgc ctttcagcat 180
tcgtccgggt aattattgag ggagaagatt gttgacttta accggataat cagggttgcg 240
acccaaaaga ttcccaaaag gccgatcttt gcttggcgtg tcaaagcacc ctttctttgc 300
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 ctttgtctgc tccagggtcc tgcgcagtgg ggcttccgta acgttcagct ggcgttgact 660
 gcccgttcgt gaccaaggc ggtgtcatac taaggactca ctggggcccg tcatgggagt 720
 ttttgggccc aactatatga tcc 743

<210> 6415
 <211> 785
 <212> DNA
 <213> Aspergillus nidulans

<400> 6415

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 cgtaacggag gacgatgggc ccagatctag agccacacta cacggaagct ggggtttaaa 480
 aaaagaacag acaatgcagg aacaacagt aatgaattag aatgatgact aaaactataa 540
 tcagacagcc tcccagtgg aagtaaagcg tatcgatgat acggagcaga acgcgcagta 600
 aagacagtac gatggaaaag agagagcctc ccattttcgc aacatgaccg taaagttagc 660
 caccagtaa tggacgaggt ataagaacat ggcataaaag gcagttaaac gcaagaaaga 720
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<210> 6416
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 6416

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cgatctgcag cttctgtcgt acttcatgat ccataccggc aaaaatatgt cgttgattcc 300
atctcggcaa aaggtatggc aaactgttat ccctaggctg gcggcacgcc atgaattcct 360
catgcatctc ttattggcat tggccgggct ggattatttt catcctgatg gcaaccctga 420
cgcagacctt gctgtgggga gtgagtcaag ggcggatcaa tccacttcga tgagcgtaga 480
gcatcacctg cag 493

<210> 6417
<211> 501
<212> DNA
<213> *Aspergillus nidulans*

<400> 6417
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taccagtac gaagcgctgg ctaagatatg cacagaaatc tgcaacctcc gccgagcggt 180
cgtcccatat aattagcagt aagacgatca ctccagtcca aggaagccaa ccgttgatc 240
tagatcggaa gagcgcgctc aacaactaac cctgatgata tgtattgagt gggtaccccg 300
ttggacatcc acatacaatt atatcccatc cacatacaat tatatcccat ccacatacaa 360
ttatatccct acaaggtagc atcaagaatc tggaattgac gtgggtttgg gcgactactt 420
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cgtcagcttt gaaaggagtt c 501

<210> 6418
<211> 1135
<212> DNA
<213> *Aspergillus nidulans*

<400> 6418
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 cctggtgtgg acagggacca gctccaggac atcaccttcc aagtctgctt gggatcccggt 240
 atcgccgaca ttggtcccaa cgggtgctggt aaatccaccc ttgtcgatgt cttgaccggg 300
 gagaagattg ccaccgcggg tgaagtctac caccacgaga acatccgtat tgcctacatt 360
 aagcagcacg ctttcgctca cattgataac cacctcgaca agaccccgtc cgagtacata 420
 cagtggcggt tccagactgg tgaggatcgt gagaccatgg atcgtgccaa caagcaggtc 480
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 tgttgtcggg gtccacgccc gtcgcaagtt caagaacacc tacgagtacg agtgttcctt 600
 cttgcttggt gagaacattg gcatgaagag tgagaagtgg acgcccata gaaccactga 660
 caacgcctgg attccccgta acgagatcat ggagtcttac tccaagaagg ttgccgagat 720
 tgatgccag gaggccttta agagcggtaa cattcgcccc ttcacccgaa aggagattga 780
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 gaaatgttct ctacataccc ccctacttcc tagagcttgc atctatggat cccttttcat 960
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<210> 6419
 <211> 663
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6419

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 gcatgggctc ccgttggcgg gatgaataat aggtgggtga gcgtcccgaa gacggcagtc 180
 cgacactgac agactagaca tagctcaaaa gtcaatccta tggctcttca tgaatcacga 240

atcttaccga attcggaaat tccccgttca acgacgcata tctttttcca ggggttctga 300
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 agtgaccgcc ggcccacacg tgcctgtttt tcccagcaaa acctgcccag cagccgcctt 420
 tcattatcaa gtcaagcccc tcttgacagg attgcgactc gagcagggag caggtcaagt 480
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 ctagaactct ggctgtagaa ctctggcctg agtagatttc gccgctcccg nctcccngc 600
 aacttagcca acagcgaact tcaacaagga aagtggcccc ttttcgtttg ctttaaggcc 660
 ttg 663

<210> 6420
 <211> 645
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6420
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 cccagccaac accgccagac ggacaatcga cgccacagga aagacgacca gccaacaccc 180
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 acaccacaaa cccaccaaac ccacaaccac cgacaacccc cccacccaa cccccaccaa 360
 cccccccac ccacacaacc ccacactcac caccctaca aacacacccc acccaactcc 420
 ccctaaccac ccccccccc accgaaacca cccaaaacat caattccaca caccaacacc 480
 ccacaaccac aacaccaacc acccaccacc acaccaccaa aacaaccacc ccaccccccc 540
 ccacacccaa acaccaccac cccccgcac caccacacac gcaccaccaa ccacacaccc 600
 aacccacaca acccacccaa ccaacaccca cccacccaa cccc 645

<210> 6421
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6421

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cacagtgaca gtggttcagg tgagctaagc ctagagcggg ctgttataca gatgggcttg 180
gaggaccgct gttgagtaga aacggtcagc gaggggcttg tatctgctga tgaggcgctt 240
gcttctttgc atgcctacgt aagcatacac agatgatata ttggtgctaa cactgaatgc 300
cgccacttac acatggggct aaaggacgca gctgcaaagc actgctcact acacgagaca 360
tctagagcac agtttattat gttgcgacac tcgcatgact atcagaccat ttactgagac 420
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<210> 6422
<211> 717
<212> DNA
<213> *Aspergillus nidulans*

<400> 6422
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ctcacctccc aagccccgcc ccaatgcgcc agataatggt ggtaaaccct cccttccaag 180
gtcacatgct ggctacccg aacgaccata tctgagtgg gtttcacgta gacgatggga 240
ggttcacgag ggtatgtgtt gggaatccat aacgcgatag ggaatttgta cactgtcccg 300
cgaaaagtga cgggtaatgt gcccagagat tgcaggagca acgcagagaa tccgttctcg 360
taggctagaa atgcgatacg tcagtggcca gcttgagaga tcccaggata accagcactc 420
actgtagact gcggtttcag gggcaagtgt gggaaatttg gccaggacat ttgctacgtc 480
gtagtaagtc cggttggggc cctgatatgt ttgcttgggt cgtagtgatc ctggtaaagt 540
tagcacgaat atccgcaa at gacaattccg aaatctcacc ctgatcagaa cgctgtacag 600
ccaagtcagc gtcctctgtg ggactgacgc catatcgagg gagctctgga gagaagtggg 660
gagatgagtc cgacagcgat accgcagcac gaaagcagag catcgcatcc ccgagtc 717

<210> 6423
<211> 1005
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6423

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agcgatcagg tccgtcacta cctgcgccag atactcacc ctcctaccgg tagttctggc 180
tcaatggccc tctttggcct acaaggcggg cccgccacat ccaagacctc gatcctccgc 240
cgcgggagtg tccatcctgc ttggcgacgc gcgtacgcgc atctcatgac ctacggcgca 300
ccggtcaatg actctgctga tgcaaggcg gcgctggaga caggcgagtg ttggtacgag 360
gggcatatcg aaccagtatg gaggaagtgg accggtgaag aggggtgggag ctatgcaaac 420
gagggtaatg tgttttagcag cacgtggaag gaggactttt acggtccgag ggactcaagg 480
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tgggcccgct tgggagcgat gagtgggagt atgatctgca tactggactg ctttgcaaag 600
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<210> 6424
<211> 535
<212> DNA
<213> *Aspergillus nidulans*

<400> 6424

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cctgtgtctg cgagagacgg tcggaccaga cgaggtctgc cgctaaaagg agcgagcctg 120
gcttggccgt ctagacgcgc gcttcctgga taggcacaac aggcgttggc taattgctac 180
tctactagcg aacatagtgt caggctctat gcgcgttgac cacattacct actacagcac 240
cgacagatat ggcgagctgc actacacctg cagctacatg ctgctattgg tcaatctcgt 300

caaacgtatg gacaacgcta ttgaagctga ggcacataat acctaatgcg acactaatgc 360
aagacgaact gaggttgcca cggaacact gagcagcact tcctagctag actgtaggat 420
atttcacga agcgtaccaa aggcattctcc aggctgtccc attggcctgg gactggacgg 480
tcgggttttc tagcgtttga tgcagcagca cgacggagga taacattctgg acgcg 535

<210> 6425
<211> 937
<212> DNA
<213> *Aspergillus nidulans*

<400> 6425

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tcaggaaaga gagaaattag tggaagggaa gggatggagg gggagaggag gatattgagga 120
ggaagaggaa gagtaattga gaggagaatg ggaagagagg aaagtaagag ggatgatggg 180
gaggtgtaag aaaaaatagg gaatagagga ggagaggagg tagtgtaagg aaaagggaga 240
ggaaaataat agtatgggtt ggcattgggtt ggggcaaata ggggagagga gttaaagatg 300
ggaggttgga aaaaaaagag agagaaaggt atgaggggtg taaaaagggg ggtgataaaa 360
aataaaaagg gaataggtat gggtaagtat tgacattggc aagaattggc acacaggaac 420
cagtgcacag ccttttttca caccggtaag gatcgataat aggtgggtgtt ctatccacgg 480
gagccccctt ttaaattagt ttgtacctcg cttagtatat ttatccccca atgacttcga 540
ggttatcgaa ttcccttatt cttcgtctata catccgcata tatatataac gtctgtctat 600
tcttgtagac tcatatcctt gttatactct gttatacgtt gttatatatc tttgccacct 660
gaggtgtctt gaagagagtt ccccttccat ctccagattt gacttccatc aacagggtctc 720
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caacgtcgaa cgctgcgtga tcgctgagaa acgccattta tgcgcaatct ggctcctat 840
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<210> 6426
<211> 525
<212> DNA
<213> *Aspergillus nidulans*

<400> 6426

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agtcttcttt tttttcttct ttcttccttg gtttcttttc tattcccccc ccccccaac 180

cccttccaag tagttgaact ggcatttctc tgagtattca tgttcttaaa acgtggacga 240

tccgggggtga gcagaacgga gtataccaat caataaatc tgcatatgca gccatttatc 300

tggaacagtg gggtttactc aataaggctg tataggatac ctcaatgctg gcgctgatca 360

ttttctcact agtactgaac tttgatggac aggaggctct tccatccaat ggacaacatg 420

caacacaagg cccaagtcac gattctatga tacactaccg ggacattatg atgatattgg 480

ctatgccgta tatgactttg cgccccaaa ttatctaccc atggt 525

<210> 6427

<211> 665

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6427

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atccgtacct ctgggatatg tccacatcgc ggacgacggt gtggcacgag cttacgacga 120

aaacgaatcc gtcattgact atgttccctt gaccaatgac cagctcaagc atctgcttca 180

gaaccttccc gaagcatgga agaaggaaga ggatcatttg cacgctgtct tcgatgctgt 240

cgacggacgc gaagttacag atgaaaaaca gttgcttgaa cctcctgctg agcttcgaaa 300

ccccatgaat catcaggcac ctcatcgaa gcgcgaagcc aaccctctcc agcaggctga 360

ctactactgc gtaggccaac cttgcaccag tggatgatgct tgtcggttct tgggctgccg 420

gggctgtgcy cagattgatg ctgccttacc aggaggagga ggggtgttgc ttttagtgaa 480

aagattggaa cctttctgtt gccctacacc ttgccatctt nctaaatagg ccagtgcctt 540

ccacagctgn ttccttggtc tcttattcct ccatgaacga tagtctacac atcggcttag 600

tgcaatcctg tctccttctt tccttatctc tttgtcgaag cctttttcag attgcgagaa 660

aaaat 665

<210> 6428
 <211> 511
 <212> DNA
 <213> Aspergillus nidulans

<400> 6428

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 gctaatactg atgatgggct ttgcgcgttt cactgctcat tattcggacc tagcgtagca 180
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 tctatagact cttggagcat gtatacgctt gtaaccgcat acatggtcgc acagtcggat 300
 tacataagca tcttgaacgt gtacgcctca agcagctggc atgatacgtc atggggcacc 360
 agaggccatg acaaggcggg agccgatcat tctgccatga ctacaggagg ctaaggagaa 420
 gaggctggaa tcgagcaact ggataaagcg catgactgaa tcgaacgtga aatggaggca 480
 acacacacac gtgccatggc ttcgtctgtt a 511

<210> 6429
 <211> 618
 <212> DNA
 <213> Aspergillus nidulans

<400> 6429

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 aggtaggttg aagcagggca aggtctaaga aattccgttc gagagtcaga agaccagaa 180
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 aactagacc gaactcaatc gagcgatcca agtcctcgac caagtgcact acccaacaga 360
 gaatgcggag acgatctgcg ggaccgtccg cagcgctcaa tcaagggttc gctttagcga 420
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 catatagtac gagcaggatc tcgctgcat ctgatcaag gcgtgccgac gacgctgaca 540
 ggttcaggat acggagggat gcagtgatgc agtgatgctg atgcaggtgg aacgggccct 600

cgtgctcaac gccagca

618

<210> 6430

<211> 551

<212> DNA

<213> *Aspergillus nidulans*

<400> 6430

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gcccgacccc ggggggggga aaaaaaacg acgacggggg ggacaccacc cccaaccac 120
aagccaagcc cggcctcggc aacccccccc aacaaaggag gcacacaagc cccaagagga 180
aacccaaaca aagcaggcga ccaacccccca ccagaaccac ggacgagaca ccccgaggag 240
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cgcaaaccga caagaccccc agacacacca acacgacccg gcaccccccg ccggccaaaa 420
aaggcgccac accagaacac ccccaaaagc caccgaaggg gaccccggcc acccagaccc 480
acggacccca caaccaaaca aacccccccc gccggccaac aaaccacca cgcggaacccg 540
aaaccacccc c 551

<210> 6431

<211> 575

<212> DNA

<213> *Aspergillus nidulans*

<400> 6431

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acagatcctt ctgactccag agagacgaga aaaagaagca cgtgcggttg cttacgcact 180
acggcacgta aatcctttcc actgccagct aggtggcagt ggtaccttc gcatatggag 240
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ctttagcaag gacgctagaa ggcaatccc aacatccgtg cagtgaagat catcgggggtt 360
tgctaacggt gactgaagga gggatatacg taccaacgta acacgttgca tgtaacctcc 420
cgtcccagcc aattcgtaa attatgacag gtaacggtca tcattctctg tgtactacac 480

cggggtgaaat agtcgctagt cgagtcctagt aaatcgggtc cttactattc gaggctagcg 540
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<210> 6432
<211> 1008
<212> DNA
<213> Aspergillus nidulans

<400> 6432

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ggcgatccga aatccggccc gagacatctc agcaagctcc tgaagaaaca acgccgggtcc 600
ccgagaaaga acccactgct cctgagccag ctgaatccaa ggttgaagtc aaagacgctg 660
aggtgcaccc cgtcgagagc gtggctacca cggaagaaac aaccgccgaa accccaaca 720
ctttggttgc tgggtcaagc caggaagacc cgacaggtcg aggagagaaa gtcttaagga 780
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<210> 6433
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 6433

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 gccaaatttt aatataacta aataattttt ggagtcatag taacagtttg aataaattta 180
 gtataaaagg ttaagcagag tatgcagctt gcttgtagat tatattatta gactttgaat 240
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 aactatatat atttatagat tagaagaccc ctgtagagct gtcagctaag tctactagtt 360
 atagtaaaat actaagtata ggaaaataga aataggatgc ctgggagctt gcaagggaat 420
 atatagctag attataagaa tatataaagc agaacataga ctaaagatat ttataagttc 480
 tttaggtaga taattaaatt attctaagta tagataattg gaacttagct gcccaaagca 540
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 tctgtgc 607

<210> 6434
 <211> 537
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6434

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 tgtcaatcac gctgactgcg gatggtgagt gggcgaaagc tataactgga ttcggacgca 180
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 ggtcactgaa caggcattgt cggactatca tgcacaactc ccagaccgag gctatagctg 420
 ataccgatca tcgtcagcga caaggcacta ccgtcgccat tcgctgagcac tactcgatcc 480
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<210> 6435
 <211> 609
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6435

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gatacactat cgcgaaggag acattagcac aaaacatgca gttcgnctt atgcnaaaga 480
catactttcc cagcgacgcc caatggactt cgacatnca cccgagtgc tccgtttcgt 540
gggatataa ggattcggcg gagagccttg atacaccaa tgtttgactg gatacagatc 600
atatagatg 609

<210> 6436
<211> 1074
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6436

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cagtgaacga agacaaaact ctgcatatct gcaacgagca cgctgccact aatctgaccg 420
tacggatcca gaattatacc ggaacgttac tagacttgca gaattaatct gtgcactgca 480
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gaagccataa tgggacatct cgtttttgaa acgacttcac cggcccccggt tagatcccc 660
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 ggggggtctg ggttccccaa gcctctaact tgaacccttc taacagtagg cgggggtggt 840
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 gggagcactc ctttaacttg tcatccatcc ttaatattaa ttcattatcc accaccatct 960
 ccctctagag gtggtttcta attggatatt tttcaccca ctactcactt ccctatacac 1020
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<210> 6437
 <211> 480
 <212> DNA
 <213> Aspergillus nidulans

<400> 6437

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 tcattcaaaa tggacttaat acctgctctg gaacggacat tacagggtca ggtcaagcca 180
 tgtacgttct gcgttgcttg cctccacata cgattgcgtg aactgacatc tccggcagta 240
 ttaacaaaat gttcactcgc atcgataatg gctggccagc caacgaatcc acgaacgaac 300
 aatcccatcc gtcccgactt cttccccca ccaacaaccc tccctctccg tcaactgttcg 360
 cacaacgaag actccacacc catcgacgaa acaagctgtc tgctctccct cctctcgctt 420
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<210> 6438
 <211> 568
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6438

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 aaacaacaaa ccggaacacg aaaacgacaa aaggaacaag gcacaccgca caaaggaccg 180

aacagcccaa caaggcgacc gcgcggcaca agaaccacca ccaggcccag ccgcacccac 240
 agacgcaaaa ccaaccaaaa ccacccagcc cgaaccgaaa ccaccgcaac caacagaaac 300
 aanaccgga cgaacggccc cacacacacc gcaagncaaa gaaaaaggac cccccaaga 360
 agggccccga aaaaaggaa cgcagaagaa aggacgcaaa acgaacccca aagccccaaa 420
 acgaaaaaca caaaaccggg caagccccca ggaccggaac acaagacagc gccaacgggc 480
 aaaaagacgg gaaacaccgc caaccaaaca aggcagaagg ccaaagggcg ggccaaaaaa 540
 aagaaagcca aaggaagccc cagggacc 568

<210> 6439
 <211> 764
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6439
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 cgacgatttc acggggtttg atgccgtgga ctttcttgaa ccagggtgcca tatcgcaatg 180
 ctacggtata cgtctcgtgg aaagtccagc tgcggccatt gtagacaatg aacggccggt 240
 ctttcgacgc cgggtcgaga gcatagttct ccaagacata gaaaagggtc agacgggtccc 300
 ggcgctgcgc gagtgcgcac ttgataatgg atttaaagag tccatggaag atcttcttat 360
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 gtaaacgtaa tgggtccgctc tactcgaggt accgacccac ttgggagggg gacgttggac 600
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<210> 6440
 <211> 1076
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6440

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gttaataagg gccctggtac tcatacagac ccggagaacg ttgatgggaa agctggagca 180
gtaatcggac cgttgctggc cttgagtcaa tcccaggcgt cactatgccg ttctatttat 240
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cgttggagaa acccaacccc acttgcagag gggtaaagg aacatagcca ttgctcttga 360
atttcgaatc ggaagtcttc tcagtgtgt cccggcccg cccggcggct atctcactat 420
cccggcaagc catggtgagc accactgcct agaaaacatc catgattgac catggaagaa 480
ataggcagtc gtcagctctt tcgcctacga gatccgaacc tggcttcgag ttgttcttga 540
gcttaccttc ctttgggagg gacaaggtag agctggcttt atatgcccaa tgcggaggac 600
cataggccta caaccctagt tcccacaact gagcttaaa acagctcatt gactgactca 660
tttaatcgga aattccatct gagtagctat ggagagcgac gaattcatta tcaattggca 720
catcacttta caaggagatc gctagatatg cgttcgtata tttcgaggag aatacgtaga 780
ctgcggttat accgaantcc gagctttgca cacacaactt ccaggagaaa cctttctctc 840
cagctaagat gtacgcagtc tctctaccta caggctcagg agaactggcg tttggaacta 900
taggcatagg ctgctcaatg gtagtggaat ataaacgctg cgggatcact cgacagtgtc 960
agaattattc agctgtgcaa gcctgatcgt gagagagcat gcaccagagg gctggtcaca 1020
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<210> 6441
<211> 580
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6441

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cagaacgata gtacttcaat tctgtgtggt agctagaggg ttgactctcg acgcgctcct 120
tttcatagat atcaacggtg cctggattaa ggataaatag attagctccg gaaccaatga 180

ccaagtgtcc tgccatctga tcgcaccagg aacttgtcgt ccttttacat ccacaatacc 240
gagacccata gtgacaacca agacagactc agctaggctg ggctagacga gaggactgcg 300
aattgcccgg tggcctaacg acccaattat cgaccggttt cgtaattaag ttcagttgat 360
tgccgggatta agctgagaac atataggcgg aaaagaacat gctgcagcag atgctgatag 420
ttcactcctc agtgggttggtg ttgtcggagg ggggtcaaaa ttggattgag gagaggcctg 480
agggtagaaa ccaacaagat ggcgcagcga aacgcaagga cgcactgtca aactcactcc 540
tcaccgagaa gggttctttga agtgaatatc gacnagaatg 580

<210> 6442
<211> 1109
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6442

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ttgcttcgcg taagccgaag agcccgctct atgcagacac tatgacacta cttaccgtga 180
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aatectattc agacaaacac cctcagattt gcagtagccc cttcaacgtc gtcggttttt 300
gaactagaaa aatgcgcaaa ttctgcaaat ttctgggcgg cgaaaagaat ggaggttcct 360
accacagcat ctgggccatg ccagctccgg aatcaggaac taggggtggtg gtcacaaata 420
cgaagaaaga gaaaacgagg gagactcgtg agaccctgtc aaccaagaaa cccagtcga 480
ccatgcacat ttcgaaactg aaccagcttc ccctggcaga actgagcagt tctacgacat 540
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agcacaaggc taggagttag atgggtttag gacaacgggg caaactgagg tttccattga 660
agtgagaaag gagacacatg gagaggctgc ttgttcaact ccacaaccag gctattattg 720
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gcgggttcac cctaataccc ctgaaaacg cccctcccca ccctccccgg gggggggggg 960
gataaataat atctcccctt ccctacatac aaccccgccc attcctacac cataccctca 1020
nnnnnntaca tctccttgc taaacttaac actttcccct tctaattcta tactctcccc 1080
cttatcaact cccccTTTT gtaactgac 1109

<210> 6443
<211> 506
<212> DNA
<213> Aspergillus nidulans

<400> 6443

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caaacgcat aaaggctgtg taccttattg gggggagccc cgagcatttg cggccacga 120
ggatggggca aaagcatcat cagcaacgac actgctactt ctctgccgac atgtgtagcg 180
gcatctctgc ctttacgggc taaagctgtc cgttctacat cggacccgca ctttcaagct 240
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cccccccta tgccccttgg gggagaggcc gcaaaccgg ctccggtgga ttaaagggtt 420
acttaacgga agcttgagc actggaaggg tgtgggggcc cagatgttgg taacagggtcc 480
ctctggccca aagaggcagt ttgggc 506

<210> 6444
<211> 463
<212> DNA
<213> Aspergillus nidulans

<400> 6444

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caagtgtcag ggcgatgatg ttggcagtct gactacactt tgccaacgct gaccgggcct 120
catgggcat taacggatgt tctgaaaggc tacgagcgat tgtatcgact gaactgtata 180
tagcttcaa tgtaagttct tgattgaaa gacaagcctg tgtgcggatt gatagctgat 240
catacactgg caagaccatg taaaacgatt cttccgcgat caattacaac gttcaacatg 300
gagctggcgg gttgtctagg gagagattgt tggatgtctt attttcaa atggcttcga 360

cttghtaacca cactctgggtg ttgggtgctc gtatctttcc tgaggtcaaa ggcccattcg 420
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<210> 6445
 <211> 528
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6445

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 gaaagcgag agcgggcgaa ttttggctgt ggccccttgc cattgggtgtt tgctggggga 120
 ctatatacac atctcacgtc tgggtgcagca ttcgatctag tctcgggcga gatgcgacat 180
 gtaaagacat ccacgccatt agtatatgcc acaggaaaca agcctttctc ctgcgtcctgc 240
 ccagcaatat caatgtcctc agcctcctca tcgcttttca gtcggattct tccaataaca 300
 tcgccttcgc tcggcttcgt cgtgttcgca ttgaagaaga caatctcccc tgaggaggcc 360
 agtccagtcg caatagcagc tacgggggtt gcaccctcgc ctttccaagg cgacaatcga 420
 gtgattctct gatacgtctc cgtagaacct ttgaccag ccaccagttt aaatactgac 480
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<210> 6446
 <211> 636
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6446

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 ggatagacgc tcgcgtcagg gccgtgatcg acgatgaagg ctaggaacgc gagaccaca 180
 gtatgcggca tgaaaccaac gggcgcgagg gaaagaataa aacacgcgga cagaccaccg 240
 atcggcggag aaaacaagat gtgaaccgtc gcggcgagcg actagggaga ttgatatttc 300
 aatatgcaca tcattggtac tgggcagctg tggttgcaat tcggggtaaa cggagagatc 360
 ggtcgcggac tccaatgaga ttgaaaataa tgcttttttt ttatgttact gaggctgact 420
 gtacatgtga cacagaattg tacaacctcc cactcgactc gagcacggag ttgtgagggg 480

tgcacggagt tacacccatg cagacaggcg tctgagaacg tcttaggctg ggaccgctca 540
 ccttggcgga taaagatgat catgtatgac gattggcaga aagcacatat caagaatact 600
 gtgattctgc gtaccggact agagcgtact gacaca 636

<210> 6447
 <211> 619
 <212> DNA
 <213> Aspergillus nidulans

<400> 6447

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 atcgggattt gatgaaagct cgctgctctc tgccaatctt tggttccagt cctcgacgga 180
 actttgatcc atacaatttg agcttctttg accttaaact actccttctg ggggtggccgt 240
 catacgaacg atcacacaac tttagatgct tgcacagct cgctggctgc ccaccttcca 300
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 aggagtcaat caccgagtac gtccttgacg aatctgccc gtcgctttac taggttcata 420
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 acccgtttct atccctgag 619

<210> 6448
 <211> 860
 <212> DNA
 <213> Aspergillus nidulans

<400> 6448

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 ccacaagcag cgctggtgag cgctttcaag cttgagccaa gctcacgaag agaagaaaga 180
 actatagggc taatagatat tgaaagtggg cgacaggctt tctggctcag cacaaggcca 240
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ccggttctaa ttggaggata atgattcggg acaagtggat tcaaggcaat ggtaataatg 480
cctcaaggcc tttcggtttt ctgagtcctt ccgtccttat gagtgaacca ctatccattc 540
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tttgtcgcag ctgagaactg agtctgttct taagaacttt tcctactaca aacaatggct 660
tttcaaattg ccgcttccaa tgggtttggc ttgacctct tatcctttct caaccctttc 720
cgacagaatc cctgtaactg gccactttcg ggtccattaa aggccctcg atcaacgatt 780
gtaaatcccg gaacccttct ttatccaatt ttggggcagt ttaatatgga cctcctgcaa 840
aaaaaaaccc ttcgtctcct 860

<210> 6449
<211> 815
<212> DNA
<213> Aspergillus nidulans

<400> 6449

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gctttaggag gaggaggagc tccaggcgct ccctagtgc gagagtgagg aggaggaaga 120
gtaagtctgc ttgtcaagtc gattctttct ctattctata gacttcctt ctccttcttt 180
gccttctttg cgccctttgc gccctttgca attgcgggcg tcgaggtttg cgcttttggt 240
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aagagcaggg tcccaaccaa tttttacca atgggtcaaa tccatccaat acaagaacct 600
ggggtaacca aaaaaaacca gggccccccc cttttaaaaa aaaaaaaaag gtttttcccc 660
caagcccttt tcggggccaa aacccttaaa gaaaaaaacc catccaacgg aaaggggggg 720
gaaaaaaaac gccttccctt ttagaggggg cggcggaatt ccctcacccc gggggaaaaa 780

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815

<210> 6450
<211> 738
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6450

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tggagttcct atataggcag cacccttgcc tgggccaaga aactacttat ataagtccaa 240
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gccttgga ca tggccgatat cagtaatttg atctcaacc nggcggtaac cagccttcca 600
cgatcctgaa gcaccgttaa tgcgtcgtaa acggagaata tacgacccaa ngagtactgc 660
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gacatacgga tctctttt 738

<210> 6451
<211> 795
<212> DNA
<213> *Aspergillus nidulans*

<400> 6451

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gggtgaaatc gaccggaata tctgggatgc gctcgtcaag gatgggaaag agggcgagat 180
cccaggaaac cattcggcgc ggtttgccg tgttatccag ccaacactca aggtcggggc 240
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aggggcagca ggtcgatgcg agtgctatat ttagagtatc tactgagaaa aatcaccgaa 360
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 acgccatggt gggcatggaa gctgatgcat gtgctgtgta catctggcat atataaactg 480
 taccggccac tccgtgtggt caaaaggagc actaggttca acttacaatc ccaatatacc 540
 aatttattta actgatatca atgtcagctc aaaaagaact aattatgcac caacctgaga 600
 gaggtgaaat gcgcctggac gatcgtgcc aagccacgct cctagcccga cctacgtaat 660
 catcccatgt cctcaaaacc agactcta atcccggcgtt cattttttcg ctccactttt 720
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 ctaaaatgcg cggt 795

<210> 6452
 <211> 634
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6452

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 aagatatata aaaaggtaga tagaagaact agagaggtaa tagagaggaa acgaaatatt 180
 acagaacagc atcatataac tagaaaaagg taaaagaaag taaaagcgaa aaagtggaga 240
 attcaaacca gtacaatagg ttgtctcca accaaatttc aagaatcgaa tgcataaata 300
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 cgctttccgc atgcatctgc ccgatggcac atacctataa cctcgaaacc ctcgttcagg 420
 ctaaagcaca ctgagctgct cccaccaggc cagtgttttc cgatacccat ctcttgatct 480
 ctccaatctc tgccgtgttg aaacatcgaa tttatcctct ccggccactc ggttgagtgc 540
 atcatcatta agccgcgaga acgtctcaaa agagacagct cgtagtgggc atttcggccc 600
 cagcacgtgt ctctcaaaa catgagtcgc cgcg 634

<210> 6453
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6453

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agcagaatga acctcaacta gctgctgcac caacagctac tcccagagag cccagttcct 180
ttccacctca atctgccccg gcaagcacia ccaaacctat ggagcggaaa gaggtcatcg 240
cgagaatgct ggctgccaaa gccgctaaaa gctccccggc ctctgcgcca ccaacagatg 300
ccgcacaaac agcagcgtct gttcaaagca cgctgcgac agtagagaaa cctacgttat 360
ccacctcttc gcaagatcaa tcagcaaacg agaaagagac acgtttgaga gaaaagaaca 420
aggcgagac tgaactcgcg aggcaacgta tcgaacagct gaagaagcag gggctcatca 480
gaaatcttca aaaatcacia ataatgtag acaagggaca gaaagatgtc aggaagtcgc 540
gaggccgaac cttcactata aacaccctta actaacgcct tcaactct 588

<210> 6454

<211> 579

<212> DNA

<213> *Aspergillus nidulans*

<400> 6454

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gaaccgactc tgggctgcgg tcaggcagtg gtgatatggc cgtcggttac agacgtgggt 180
cctgaccgga tagatcatag attaccggtc tcacaatgcg taaattcaaa aggaaatcat 240
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aggagagaag ggagaaaaga aatgattaaa gccgtcaagg catatgatca agaagaaatc 360
cgccaacgcc gaaccgagcc tgatagagta tgaaagagcc taaaaagcct gaggagcccg 420
aagagcctga tattcgatat ctggactccg aaccgtaggg acagtaagga tcgatcaagt 480
gagaatgcc a gtttctcgct aataccgtga cgagtcattc gcagtcactg ttccagtcag 540
cccactcatt cactcattgt ttattgacc gaggcaaag 579

<210> 6455

<211> 602

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6455

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gaaaaattct ttgccgtgta cgaaactgac ttagaatgtc cgtcgttata catattgctg 240
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tgccccgtct acatccctgg acaccaagca tatagtaata ttatcgtgta caatacaact 360
caataatagt ttaccgtatg gtagttttta cattgcaggt gagcaaactc gccaaagcatg 420
ccgtttttgcg aagtctggcc agacggtatg gaataaactc tggccacata tccctctaga 480
gaacgtgaaa gtatagaaat attatccnaa aattttgggt tgtatagctc taagtcattg 540
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tc 602
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<210> 6456
 <211> 589
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6456

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tacaaaacaa ttctggctct actaggtgaa gatgctgacc taaaccagtc ctgggtcacc 180
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ctactgcca atgtactagc caccagccat gtgtgttctg accactgaaa atgcggctgg 300
tgtgacagag cagttgaatg ttaaatttaa gttgataaaa taaaaatgaa atggcaatat 360
atatgactag tggctactct attggacaac acagaactat atgattcaag ggaagatgat 420
ttttggggtc atttacttaa atattacaag gcttgcgcta tttggagaga aatctcttgt 480
gtaggatact gatcagcatt tatcactgat tggaagatgt acagatacta cagctgaaag 540
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589

<210> 6457
<211> 443
<212> DNA
<213> Aspergillus nidulans

<400> 6457

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caaccgaacc ccgaggaaga cgaccgaccc cgataccac aaaggggcag gcagacgggg 180
gccaaaccaa gaaaaccac aggaccacc acacggacac agggggccga agacgcataa 240
acaacgggca aagggaccca tgacaacacc aactatctcg cccccaaaa gagcaacaca 300
actccaagct gaaacgcac ggccgatgaa acaaaggcg cacacaaaag aaccaacagc 360
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aaggcaccaa ccaccccgcc ggc 443

<210> 6458
<211> 496
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6458

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aacaaaatag agcccataac tgactcctcc catgacagta gccattatga accagtcacg 180
ccagtcccg ttcggagggt tatccatcca gaattagctc actcattgca tcgcaattta 240
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atccatatcc ttgtggcgat gacagagggt gacggtagac tacttggtgt ggtgcggatt 360
gatattccga tgctgctgac gatgctgctg cggccggtga tgggtactcg ccagcgcgcg 420
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tcttaatcgg agctgt 496

<210> 6459
 <211> 1117
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6459

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gtagtcatcg ccgtacggcg tcggagtggc agcccagatt ctgctcgacc ttgtggccgt 180
cggggccaga actcccgatg aggtcaggac gctgcttgcg tcgcgtccgg ccatgccgac 240
cgtcttccaa cccttgggac agtagagacc gggcgagtag tagacgccat agtcaacca 300
gatgatgtcg tcgtccggga cagcgggtgg ggatgttggc tctggtgtca tgggtgggat 360
gcagtccaaa aagtcgacgg tagacgtgca ttggacaccg tacgcggcgt aaacattgac 420
cccagtgata aaattattca cgttgtcgat cgagacctcg ctctcggtcg agcacgcttt 480
ctctgctgtt aaggtggcca agatagggcc caatttgatt acttatatcc ctcttgcaa 540
gtctgtgtta tatatacatc ctattttgat catattagtc tcccttttat ctttcattta 600
tcccctatac tcacgtgatc tttctccctt tccataacc ctttacaagc ctctgctttt 660
atgtctactt attcggttct ctctctctgt attgttctcc acctctcatc atatcatttg 720
tcttaacgat gcacatatac tttcgtgtcc tcacccaata acatatacct catctcttaa 780
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atggtcaatc ttttttccct aattatctca ccacatagc catcctcagg ttatttactc 900
tccttaacat cctctctcct catactttct ctctctcttc aactttatta tttcctcatc 960
tctcacatta taattcttcc ttctctctct ctttctatta ttccttctctg cccatcccca 1020
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<210> 6460
 <211> 598
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6460

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 agcccccgcc atggaaccgg actatcgctg gccgtttacc agtctccagt gtctggggta 180
 ccaggacgtc gacgcggacg gcatggctgc caacgtgttt gtaggtagct tgaatcaaatt 240
 cgaagccttg gaatctggga tgcgcagggt caaaagtagc catagtgtct gatagcgtgc 300
 ttgaatgaag ggagacagtc cggttctgcc aaggggaacc aatcggtttg tttattccat 360
 tgctatcggg taccctcgca agagtctaatt tcgatcctca acttcttttc cctttgcgtt 420
 tcttcactgg cgacactgat gcgcaaatca agagtattcg tatacagtag agactgggtt 480
 attattgctt accaaagctc ggtgccgaac ccaccgacag tgccgtctgc tcccctgtat 540
 cacttcaagt agaccagaat tatagccgaa tttacatat catgccaaga catgctcg 598

<210> 6461
 <211> 978
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6461

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 atagcctcta acattggatc aataagcgtt gtagccccag caccaagtaa acaacgcaca 180
 aggttatttg atgcagtagc agcagatgca ttgctgggat agaaatctac cagcagagtt 240
 gagaccgtgt tgaatgctcc tgtcaacgtg agaccatga gaaagaggat ggttgttggc 300
 gcggcgagat gtccgccgta attgagacac catccgaacg cgatgattgt gaatgcgcct 360
 agcgtcagca gcgggagcgc gacctgtaaa cgggcgaatt caatggggaa gtgggtggag 420
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 ggtcttttgg gttgaaaaag gaggaggatg ttcttttggg ggggatgacc tccccttgg 780
 gcagcggttg gattgaacaa tgacaaaagg ccgcaaatgg ggcaaacag cgcctcatt 840

ttttaaaccc taccgccttt ttgggggttg gtaggattct cctcccttat tatctccctc 900
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<210> 6462
 <211> 576
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6462

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 caagggaggg gaaaaaagag acaaaaaaaaa cgcacaggca aaggctgaaa aaaagcacc 180
 cagccgacac ccggggggagc aggaaacccc caaagggggg agcaagagca ccaaccaaga 240
 gcagaacgag aaggaacacg gccgaaacag ccccaaagac caggcaagac ggacgacgaa 300
 nncaaaaaca cgcacgagaa gcaaaagccc cggcgacaga acaagggcac aacacacgaa 360
 cgacccggga aggaagaacc caaccgaaaa ggcaacaaca aggaccagga ccgacaacgc 420
 ggcagcagcg gagcaaacag gaaggaacac cggaaaccca aaccacaacc gaaagaagaa 480
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 aaaagagaac accnacccca gaagcaagcg aaaaca 576

<210> 6463
 <211> 500
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6463

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 gccaggaggt gcatacggga atggtgtgct atcgaagcct ccagcaggct cggacgagtc 180
 gctcttgag cgcacggcca tagcgacagc ctggttctgc aacttctctg ccttgtcaac 240
 gagccttggc ccatacttgt cgcccaagtg ctgcggctcg atatgagact gagggtgtgc 300

cattcgagag agcgggtcctc tgtttcctgt ttgcaaggaa tggggcgagg agggggaaga 360
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<210> 6464
 <211> 556
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6464

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 tggaaaaggc tgatgatatt caaccccgca cccctgagta tgccatgctt cctgcatatc 180
 ctcggtctcc ctcaagggtc caagtagcac tctacctag tatatcattc catccatact 240
 tcagcacctt caactttaca cttttcagct gtgactcttt ctaaccccag agcctaaatc 300
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 ctaccccacc acccgctctc taacggggcg cgaccttctt gccagtctc tcaagcagct 420
 cggcgtgacc gttgcttttg gcttacatgg cggacaccta gacgccttcc tcatgggctg 480
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 cgaggggtac gcaaag 556

<210> 6465
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6465

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 ttggtttata taatttctat tctacaaatt tatgtacact attttaaatt actcttggtc 180
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 ttacactcgt gtgacattgg caaaccagag cctgagaatg gaacgagaac cgctgttctc 300

tatagtatag ctgcagagggc ctctcccggg cagcatgggc cagagcggat tccgtttctc 360
 accagcaggc cgcttgcgag ggccttccg tcgtttttcc tctgatatg agctctccaa 420
 aatcaatggc tcaccatata tctgtcgagc agaatattat tatttggaat catgtgtcat 480
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<210> 6466
 <211> 827
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6466

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 gacgagcagg gctcgcaatg agtgggcagc atgccagcaa tccccaaaca gagggctacc 180
 gtgtagcaag ctggcagtaa cggaatggcc tctgaccccg aagaagaaag gcaggccgcc 240
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 ccttacagac agctgtggcc atgagaaccg catctaccct acgcccactg atcatttata 720
 ccatttaccg gcttcgctca ttctcacgct ccatagcaac catagcctga ggtcttaggc 780
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<210> 6467
 <211> 957
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6467

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 aggtgtatcc gcaatccctg cagtcatagc ctttggcgga taaaccccaa atacgttcac 240
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 cgccgagcga gaggtccccg actaccgata tgatggtcga tgtctcgact tcggcggtga 360
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 ccttcttttc ttctttttct ctttcttttc gtttttattt ctctatctgt aattgttttt 900
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<210> 6468
 <211> 734
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6468

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 tgccggctaa tccgcctcta ctcagcttgg tcaactgttt cagtttcaac tgaactgagg 180
 atccgacata tctaattgaa cacgggggtt gggcaacca aaagtcgggg ttgttccttg 240
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ctgatgccag ttgatacaac catccatcta ggcgcgagag ggaagcggcc gtgagtcgtc 540
 ggtaagccccg caatcaggat gccagcaggg ctgaggtcca cttggtagca tcatgccgct 600
 ggcccattat cgagttatga tgtagggcat gaaatcactc gtctgggata aggcgagtct 660
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<210> 6469
 <211> 535
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6469

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 ggttgactct gagagactgc tttgacctcc tggaccaagt cgtgcctagc cagaagggga 180
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 tccgatacgg tcgtccatat ctcgagcacc tttattactg gcgcttttgc agttatatgg 300
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 cggggatgag gatggatgac tgctgggtatc ttgggtctcaa tactgtaata agcgtctcgg 420
 caacaccgta cggttgacaa tcctgggcag atggcagcac ctgtagaata aaaaaagac 480
 gcagctggac tcattgagac agttgaattc cttaaccaca attncagnct aataa 535

<210> 6470
 <211> 189
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6470

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 tcgggcccga taattcgact cactatacgc atcatgggtg accagttgtg attgttctca 120
 acccatcaat aatgtctgcc tatttggctt tctttattac tatgacatca gtgagtatat 180
 tttttatcc 189

<210> 6471
 <211> 602
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6471

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cagaaaaaga gacaaaggaa ccaagacgag ccgagggccg agcaccacaa tgcccaaccc  180
gccaccaggc aagaacacga acgacgccgg cagaaccagg acagaaaggc cccaacaaa  240
gaggcccaaa gggaaacacc caccaccgca agagccaggg gagaaggaga aaaccgacgc  300
caaagccgcc agccgaccaa ggccaagaa ggccaaaccc gcggccgcag acacgacaag  360
aacaccgcga aggaaccacg cacaacaaag ccaacggaga agaaccacga caaaaccaag  420
gcaggaacgg caacagacaa accgcaagga cacaacaaa aaggaagaac caaaacccc  480
aaaaggaaag caacgactca caaacacca gaacaaaaac acccaccaag aaccaccag  540
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<210> 6472
 <211> 932
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6472

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ggcggagcag ctgcagcctc ggggtcggac tcggtttctt cttccactgg atcaacgtcg  180
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gccagctctt gttcaatttc aggccgcacg tcgctattga ctccgaactc tgctctgggt  480
  
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aatcgaagcc gtggattaat aaaaaaaaaa aaaaatgcgc aatcgacctt agaatcttgt 540
aagatggcag cattaagtcg attcagcacc ctgtacgctt gtcgtcggcg caagcagatt 600
tacattggcc aaaaaaatta gacgggaatt gttacagtcc actggaagac tcctaggctc 660
aacatgaata gcaatggaga ggaccgaagt acccaggaaa gatgagatta gaacccccaa 720
aatacaggat ttatgtgttg tgaaaaccga aaagaatggg agatgaaatg ggagagttag 780
agatccggca gaccgaaggt ccgagggccc accaggggga acacttaagt tttgtgggga 840
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<210> 6473
<211> 616
<212> DNA
<213> *Aspergillus nidulans*

<400> 6473
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attccaaatg ctgtgctttg gcttctccgc tttctgata ttggcgaaca aaacctcagg 180
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gattacgaga agaaagcgat tcacctgtgc tgcagtttat tctacgagcc cggaggcgaa 540
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<210> 6474
<211> 935
<212> DNA
<213> *Aspergillus nidulans*

<400> 6474

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 tgagtcgaaa gottccggag aaccttccca tgaaccaact cccagagttg atccagagtg 180
 acgctccgga gccaaagacca gaccttcctt gtcacagcac acctaccgaa tccaaaagac 240
 ctcttcaatc gtttaccgcc aagccagaag tccatcaaca aaccatcccc ccttgcacca 300
 tcacgtcccg ctaaattcta tgatccacaa agccggagcc gatcatccag ccaaaataat 360
 atttcaagct catcatcttc gccgctgata agtcagatgt caagaccgcg tataacagca 420
 gaacgacctg tcacaaaact gtcagctaaa ccaaattggag tggcgaggac acccgagtcg 480
 acaaactctt tgaagcgcaa ggctgactta gagcggccct caatccacag tgctagccgc 540
 ctgcatagtg atctggatca caaacggcgg cgggcagtga gcgcttcgag cggcagcacc 600
 gggagcgcat cgccccact cagtcgagag ttgcttctgc gacaattgcg ggaaaagtca 660
 caaaagttta aacaatttta tgccaagtat cgtgactgc acgacgcaat ggcagccac 720
 cctgaccgcg cgcgggcaga actagagaag ctacagaaac agcatgttcg cctccaacgg 780
 atgaagaagg aaatttggga tgaagatagg cgacttcgcg acggacttta aatgatttcg 840
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<210> 6475
 <211> 490
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6475
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 ccggaaacga ccgtggccag aatgaagtca ccgtactgct cctcttggtc ttccccgagg 180
 cgtgagagct ttgttgtaa tgtaacggtc ccaaacaatc atggcacatc cctgacgttg 240
 ccagcgtaga ccagcctata gtcgtgtgtt gagtcttact agcaaagacc gcgaggtttg 300
 attttctcta tctcggggtc gtaaggaagt gcacgacgcg attaaatgag gctottactc 360
 aggccgccag ctatgagtgc tgctcagtca cttacatcta cgttatttct gaactgcccc 420

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tccatttgct 490

<210> 6476
<211> 522
<212> DNA
<213> *Aspergillus nidulans*

<400> 6476

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acgtcacaga cagtgggatg gtgtagagtc aaatagattg gatatcacgc caaacgggtga 180
ctcctggaaa aaaatcaggt caatggggaa ggagtgattg aaaagaagga gaagacaaaa 240
ccgccggcgt ctaatgatat ttttttatgg ctggctgttt tttctcctca ctgctcgctcg 300
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atcagcgaat cactgattgg tgtgagatca cgacatcgat gcaaacacct ttacgtcttc 420
aagacaaaca tacctgattg ggcaaagtgc ggggttcccg tgactcggcc ctgagcacgc 480
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<210> 6477
<211> 824
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6477

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ccgcagtgac caggctataa acatgagcgc ggacttcggg gtcgatcact tcaacagtct 180
gagcgggcac tgcttcctcc atcacggccc gtgagtgtgc atatacctcc ttcagtcggt 240
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tcacgcgtta ggtcacgcgt cacgcgtttg cttgtggagt gtccggtatg cggaacgcgc 360
ataaactgaa aagccgcgta gccgaggata gccgatgacg ttagatcaca tgggcagcta 420
tgtctattgc acggagtaga atcgggggct cgagaggttc tctttcttcc ttcagatatt 480

gntcgnntngg nataattctc tcaattctgt ggttgtctca gaatgttgtc gccggcactt 540
 cgtttacttt gccgcatagg cgcttcaatg cgttctcgtg cgtttagcac attttccgcc 600
 gttcatgctg ccgaggtcaa atcgttggga gtaataggag ctggacagat ggttgttgtc 660
 acgatatgac ttcttttgcc ttgcttaca ctttattcag ggactcggaa ttgctcttgt 720
 cgctggtcag aaagcccaag tccctgtgac acttggtgat tactctcatg cataactaga 780
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<210> 6478
 <211> 945
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6478

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 tccagagaat ctatagggcg aacagattgc aatggctatc atacgtcaga ccagcggatt 180
 tccaggcgaa gaccatcttg actatgtgag gaagttggag gtttcaatgt gcaagggaac 240
 aatcgggatg tgatgctttg ctgagcgtcg agttcggagg atcgggatct tagtcatttg 300
 aggcacgtga ccaagcaacg tctaccaatc aatactctag gatatacttc gaccttgcta 360
 caagagaaat tcaagtaatg acatcgctcg gaaacctatt ttccagtatt gattgtttga 420
 atcatgatta gcgtctataa tctagtatgg taagatacag actatttggg agcaaaggta 480
 gcgcttacca taccatatta acctgaatgg atatgtactt ggaaagccat ataactgtgg 540
 atatgaactc agctttctcg ttaagtttct aatagcctac tgctctatta cctgtattcc 600
 agttgttaca gtgttaggag cttaccatac ggttgcgagt ccgctggaga tgttggcata 660
 ctcttccaag gtagattcct ctccatcat tctcttcaat tctcattcaa gacttgtgct 720
 ccgatctgct gaatgcaatc ctctccgtct cctctcaatc tcatcattca tcactttaat 780
 ttaatccatt gggtctagcg cctccataaa taccgtatcg agttaaacag cgtaatatat 840
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<210> 6479
 <211> 597
 <212> DNA
 <213> Aspergillus nidulans

<400> 6479

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ccatccgcag ccgcgagcca tccgctcttc ctctaactc gaactgtact ctgacggatg  180
agatatatag aaaaaggcca atactctatc cggaacggca tttgcgcgta agaaggaaga  240
agacgctgca aagatgcgag cgaagcaggc agcaggtaag ttaaagttct gatgttttgc  300
aggggtcttt ctttgttctc tcctctcttg ccgcaatgcc tctcggcgta ttcaatttgt  360
tgcagtgtct ctctgttctt attggggaag gttggactgt ggatcagaag actgacgtat  420
ttttcgcttt tagccgatgc gaagaaagct gctgccgctc ttgctgcggc agggaagaaa  480
aaatgacacc tgctttgcgc cgtgactacg ctccatacct tggactgaac cttttcgaac  540
tcaggacatt gtcctcgaat aatctcgctc ttcgttccgc gattatatat gcgctta   597

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<210> 6480
 <211> 566
 <212> DNA
 <213> Aspergillus nidulans

<400> 6480

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gggcttaaaa gaggaagcg aacaaaagcg ggctgcaaag ccagagcgga caaacctcc  180
gcgaacggag gccgtaccg aaccgcctga cagaaacatc ctcttctagc tgacagactt  240
actttagggg ctaaagcatg caagattaga actgccagat agtcaacca aaaaggacaa  300
ccgataaggc caaatgctaa accgaaaccc aggcggccgg aatgggacac aggaagaagg  360
ccaaaacccc tttaccaag gggcctaccc acccaaaaaa gggcgtaaac ccagaaacc  420
ccaaaaaac tgcccctat ctttggggaa aaaggcccaa aaaacaaccc aaaggccccg  480
ggccgaaaag gccccaaaa acgggcaacc caagcccca acctgggatc cccgggatag  540

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ggcacccccca aaccaaaggg aaaagg

566

<210> 6481
<211> 406
<212> DNA
<213> *Aspergillus nidulans*

<400> 6481

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ctgtgtactc cgagatcatg agctctgccc tggcgaatt gatgcattgg atcagctttt 120
gcatgattat ctgaccgagg aggtgttctt ggcacaagcg ggaaccgggg atgatattca 180
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tgcactaacg ggggacatgc ttgtggatac tgaatgatac tactgggttg aggcgatgct 300
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gaatgcgaaa ggcgaccgct tgacgtttat aactatcact gatact 406

<210> 6482
<211> 553
<212> DNA
<213> *Aspergillus nidulans*

<400> 6482

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agggaaaaga ttgggttcta gacaatggat ctattaggtg cgtgggtaac ttaagataca 120
taactggtgc gggtaaataa cttcattagt cgtttagcgc atggcttgac tcggtgacag 180
cccaagtcta aacccaact gtttagggct ccgggcagct gttccgactt cagttcaccc 240
atggcagttc tcatactcaa ctccggggag aacttgaatt tacaggccag ttgcgcctgg 300
atatgctgcc ttggctatgc atagcaccga gggacctttg cacttttggg ccgaccaccc 360
acgggggaag tggccattac aaaaggggag ggcagggggt ttaggtagcg tttacacccc 420
ggcggtgacc catggggaag accccttttg ttaggacccc cgcggtgggg ttggaaacct 480
caatttttta ggggggggtc tttgctctta cttaaagccg ggttttcctc cggggccagg 540
gggggtcttt ttc 553

<210> 6483

<211> 507
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6483

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 accgctcggc tatacagaggc atgctcaggt tgaacggccc accggttaaa ttataagggg 180
 cacaataact gtcgcggtga acatcagact aagtcgcata aaatatactg cacatgatcc 240
 tatggcgctg cctgagagcg ctgccaggcg atctacactt agtacacaag tattatggct 300
 ggccatgaag gactgtccta tacgacaggc tctaatatca atgacacctt ccaagctcga 360
 tgcttcaagc aatcgatgga aaagaatatt ggaagatctt acaagcttag aacgacgcgg 420
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<210> 6484
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6484

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 tggcgattag gtcgggaatg acaagaagtg ggcggataag caagaggatt caacggctat 180
 tacgaagaat ctcaaaaatt gggacattgt tcaggatgca ccccatgagg tttggaggac 240
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 tttcttcatt ctatcttctt ttgtcggctt ggatctttct cgcctatttc tatcttgtat 360
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 aatgaaacct atatttatct tcttttgagc cggtttacct attacctgta tctacatact 480
 gcccacat ttcataggcc caaacggtt cttaactttg accacttttc aatgtcttcc 540
 aaatacttac tacccttttt tgataccgca aatgggct 578

<210> 6485
 <211> 508
 <212> DNA
 <213> Aspergillus nidulans

<400> 6485

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acttaccttt gaatgccatg cgggggtgcag gttgccccag cgttgggacc actcttagcg 180
tggcacctgg tgtgttgaag gtctggggcc tcatattgac ctggtggcac tggaacgacg 240
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ataacctttt ttacgagagt gtgcattacg ggggctacct gtgacaaagt aaagaatcca 420
ctgccagtag gggtcctgta cactgatcgt ctatcctctg acaccggaat gtatggatcc 480
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<210> 6486
 <211> 530
 <212> DNA
 <213> Aspergillus nidulans

<400> 6486

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cacattagga caacgtgatc gcatgcccac ccgcaacata ctgcctatta ggtgaatgct 120
taacatgatg agcacctgga ctaccactat gacggccccga tatgacggtc tgagacttag 180
caatcgatta ctgggagcca ggctatagcc ttacatggta gcaactgtgg acgtcaaaat 240
tccaacaata ccggccgtgc caaggggact gagggctctg acaactgtgg ccgttggacg 300
ctcgccgcca aatctggctc tgggaatggt gactgcaatg gcagacacgg atcgcccttg 360
agacctgtcc atgattgcgc ctacactgaa ggatatttat atggccgagc gcatgttagc 420
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<210> 6487

<211> 415
 <212> DNA
 <213> Aspergillus nidulans

<400> 6487

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 cataagcgtg ggccaagaga ctgcgtaata cgagcataaa tatcacagct tgccacacgc 180
 agcactactg ctgaactgat caacacacgg gatgcagaga tatgaggatg acagcccatg 240
 gatacacatc caacgcgagc acaaagggat aacatgacgc cacacggttg cgatgctgat 300
 cgacgaccac agctagcagg acacacgagc ccggacacaa gaaaccggac gacagcagct 360
 acgcagcggg accgtaatcc actcaacgag catatacaaa gcggagggtct ctgcc 415

<210> 6488
 <211> 509
 <212> DNA
 <213> Aspergillus nidulans

<400> 6488

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 cagccgatgt ggatggtgta tgttctgcgc agacagcgga gaccgactgt acaaccgtcg 420
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<210> 6489
 <211> 562
 <212> DNA
 <213> Aspergillus nidulans

<400> 6489

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acggcatccc gccaggccc cgacaggacc gatccaacca gctcggggca ggacagccgc 120
gaggcggccg acaggcatga ccccgaaggg ctcaaacaag caaacgactg aacgagaaag 180
gctcactaaa tgctccgaac atgccacggg taccggaacg caccgacatc caactacagc 240
cgacacaacc aagcacgaag agggcggtac ccagaccggc gacagagaat actgcacaca 300
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tgactgaggg aaagctacac aaaaagatgc ggaccgggct gaccaagacg ccccgaaaaa 420
caagcgcgcg aggcaacagc aaatcgccag ttcaccagaa agctcggaac agcggcaaac 480
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caaacagagg agggaagaaa aa 562

<210> 6490
<211> 336
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6490

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gacgagagaa cggggaacga tgccgcacta cccgtctatt aaaaaactac ccgctctaca 180
tgaggagacta cccgctgaca ggaggcgaac agggcagaga cagattaaat gctttgttcc 240
atactcatat aacatctata cacttgtttc tggcaaacac gatcgcgagg atccagcctg 300
atgatgaacg cactactgaa ctangttcca cgcaag 336

<210> 6491
<211> 411
<212> DNA
<213> Aspergillus nidulans
<400> 6491

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caggcccga a catgggatgc tgggtctcca tcaggaggga tacatgctgc ccctggagtg 180

catgtggctg tccgcgaccg atacgacgcc tgccggacgc ggcctgggct agccgagcgc 240
 ctgtgattgc cgagcctggg accgtataca ctggtgatac accactcata tgctgatggc 300
 gggagtatac tatacctgtt cgttgcgcgg aagatatgac ccgaacgcct gtgccacgtt 360
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<210> 6492
 <211> 568
 <212> DNA
 <213> Aspergillus nidulans

<400> 6492

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 tcgatgctca cgctaagaac gtagcgctc ccacaggatg gaatcaccgc gccttacagg 180
 ctattgcttt ctggcccagt cacatgtata cgctgacggg cctgcattat gcaggaaact 240
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 aaggcgctga agcgagcgcc aatccccatc ggactggaat gaaggacatg ttatgcaggc 360
 aaataagacc gtctccatat taaaaagat gttctgccac ctagcctcga gagcggacag 420
 gcttgctcat tcgcgagact gacctcttta ctatgttgcc ctgcattgcc acctcgtttg 480
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 tgctatacat gaggctttgc gtagtcac 568

<210> 6493
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans

<400> 6493

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 aagccctact tgcgcgctcc agagacatat gttccttaat accatcgtgg cagttcttcg 180
 ctacagcaac gcgttgctt gcgcagctct cgaagctggg atggagataa aaaagactgc 240
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acagctgcgc ctacttggcc atgatcacct ggagactgta aggagacccc gaaccggga 480
ttatgttaca agcgc 495

<210> 6494
<211> 543
<212> DNA
<213> Aspergillus nidulans

<400> 6494

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ccccagatgc cccgaataac tctacttttg tggaccaatt cgcgcgtttt cagcacgcat 180
gagcgctgg ctggagcgt tgactatgag gcatctcctg gtccaagctc tcgcggatag 240
cggcttgaac actgcttgca cggagaagcc ggagcgcaa gagaaagctc gagatggact 300
acaacacatc tgcgcgcaag aagctgaaac attgcttgaa tgagctagag gactaccgcc 360
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gaagcatatg aacactgccc tacggaccgg agacaggaca gccattgcat agtactgcat 480
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acc 543

<210> 6495
<211> 508
<212> DNA
<213> Aspergillus nidulans

<400> 6495

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caggagaaa agctcagact caactgacgc tactactgac atgccagact gagaatccgt 180
atgattgctt ccctcgtgg acgcaccttg ccagcagat agcgtatgtg tgaaagctct 240
aatgtgtgtc tactcaagta aggtgtgatc catatggtcg cgctctgcga tcaactacctt 300

atcgccagcg gccttatgct cgagcgacct tcgccaacac gcactctgag gatctgctgc 360
gctccccatc cattcgtcca ccatgtccgt atcgcttatg cacatccatt catagtctct 420
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gaactggctt cagagttcca acaaccgg 508

<210> 6496
<211> 135
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6496

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gcaacgcggg ggatg 135

<210> 6497
<211> 572
<212> DNA
<213> Aspergillus nidulans
<400> 6497

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atgccgtacc aattatggga gtgcgcatag gactctgggt aaaatacaag gcaccacaaa 180
aaggatcaag agaggcccca caagcgacac ttgacgtatg aagaaccaa actaaaccgc 240
tctgtagaat cacatgcagg gcgggacgag acactatgaa caaacaatta tggccccgaa 300
cccgtgatga tagtacaaca cagcacgtgc cttacctcta ggtactatca ggcacaacgt 360
acacacattg tggetgacgg tattaaaaac actggccagg agaactagat aatcccatgt 420
tgagaactcc acaggcagg caactgcca agctatgctc tggccacata tctgaggtct 480
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cactaagagc gggcacaact caacttaact tt 572

<210> 6498

<211> 515
 <212> DNA
 <213> Aspergillus nidulans

<400> 6498

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 gtgacgacac gccatcctta cattaaatac cacaaatgca atgggcattg caagagtaca 180
 gcgcgactca tgcgattatc ttctgagcct acgggtctta cactgcgaac gtgtggggcg 240
 cgaattcacc aaggcattag gtgccccgtg gaaatggtct agagcgtctc cattccattt 300
 acaaagtggc ggagaccaac aataggtgac caactggcat accatccgaa atggtgattg 360
 ccattgccgc tatcatggtt ctgggagaaa ctgcgacgat acaacaggag tcgggcatca 420
 tggcgcatcc acctcttgat cagttctcaa agcatgacga acacaccgtt gacactacca 480
 ttacgttaat tgacgacgat gtgggcacaa attcg 515

<210> 6499
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 6499

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 tccccgaaca gccaaatcat taaagcaacc aatcacacgt acgcagtgca atcataccct 120
 gctaacaacc taaccatgct ggtacgcagg actgtcctag cggacaggga ccatctgacc 180
 gaaagatgag aaacgcgaac atggacttct acgtcacaga acatctacac cgtagccgtc 240
 caactgggtcc atttgatggt aagcacatgc attcaaccgg attggacaac ggggagacaa 300
 cagaccataa cccacacgca caccaagagc atcagaacac ttccacacca acatgggtca 360
 cttccacaag acacgacaca catgtgccgc atgagtgacc ggacgcaacg cgcttatcga 420
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 gtgacgatct gag 493

<210> 6500
 <211> 566
 <212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6500

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tcaaacaggc cccccacacc ccgctaacc atgcaaaaga cgccaagtac cccaagaata 180
ccgactgaat agggggagaa tcgaaaagaa agcacggaaa aacacgcaaa acacacatac 240
aacccttac aacaagaaga acacccttg acacaacaaa agacaccagt cactaattga 300
agcatgagaa atacagcaac ctccaccag accaaccaac gaaccaaacc aacataataa 360
cataacaaca ccaaagcca acatgccagg gacgaacaac caccacaacc acaaaccgac 420
caacaagcg ggcaaacca ctcaacgggc ctaacaact gaaatacgcg cacaaaaaac 480
aaaacaaaa acgcaacccc cttaacaaac caaaactacc aacccccaaa aaacaacgaa 540
caagccaaac ccaacaagca ccacaa 566

<210> 6501

<211> 571

<212> DNA

<213> Aspergillus nidulans

<400> 6501

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ctaccgggta ttttttaggg gacggtacag atccactctg aagttcaaca aggactcatg 120
gggctatggc gaaaggaacc acggatcatc gatgcaatgt caatggcagg caaccactca 180
gcgtacacga ccgatcggcg ccgtcattgg cgcaagttgc gcaggaccta ttactagctc 240
tatacgacct aggggaggag ccggagaagc tctcacggcg ctgaatgcac ccatgttcac 300
catctatata atgcacacca atgtgatgac acatgcgcac ctaacaacgg actgcatacc 360
aggaaacata ttgcttgta gaagaacat tctactgatg ggagactgtg cacatgatag 420
agacaggtcc agttacaaa ctgttaatta tgctcgggac acatgcagac tatcaacgtg 480
gggagcatca ctctaatac cactaaagcc cacgcttcgc attacagcgt ttaaattggg 540
ggcacacggc tgaggagcgc tggttacaag t 571

<210> 6502
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 6502

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ccatgcatag actctgtgta caaagccgag gatgcaacga gcggagaacg tcaaagcctg 120
tccagactaa ccatctcttg ccgtgctgcc agtaacgagg actactgaac cacatgcgac 180
cacatgctac gatgacaggg attgaccacg ctggatcacg accatgacca ccaacgggat 240
cacggattgc ggccgtcaga ggccgagggc gactacttta catcgcatgc actggacaag 300
gatgatagcg gccgcctgga agaaaactca catgcgagcg ttaacatata ccaatacgaa 360
gaccgtagtt atcttgcgag cgacagcaca ctgaacgagg tgaacacgat gcacagtccc 420
atcgaggcgt tgagtaacgt gctatatcca cactccgacc ttagactgag atcttgatta 480
gaccgtgaac aagcacacaa agagtcacat acctgatcat gctgtacaga ctacagacgc 540
caccgttctt gacgatatcg catggcttag acgg 574
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<210> 6503
 <211> 615
 <212> DNA
 <213> Aspergillus nidulans

<400> 6503

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gaacatggct gggcccggac tcgtacatcg cgtgactacc ctaaatagcg tgctacacat 180
gccactccac actggagagg caccggggat caggctttct gatggcagac tgatggccac 240
atgccccaca gacgaagctc acagatcggc tggctctgct tgccatctga gacctgggag 300
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caccaagcgt tgtggcacct ggccagccat gaaaagactc tagagcatca ttactgaagc 540
cagggggggc ctgtcaccg aatcacaagc cctaggggccc cctgcctgtg gtcctaaaaa 600
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ggacttggttccct

615

<210> 6504
<211> 655
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6504

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acaaaacaga gcgggggggag gaaaagagac aaagaaggac ggcccagcac acaagcaag 180
aaacccaac aaagaccaac aacaagaaca aagcgcaagc ccaaagacaa cagagaagcc 240
agaccacaa caaacgcggg accacagaaa aaccccgcca gccaccagc aaccagagga 300
gaaacgaagg gaagaagggg gaaacacgaa cgaaacgaac acgaccaga gcacaaaagg 360
aaaaccacca aacagacaag ggaaccaagc caaaacacg cagccaaaac agaagccag 420
aggcggagaa ggcaaaggaa gaacaaggga cagaaaaaca ggaccgagaa gaagaggaaa 480
gaaaaaaaaag cacaaaagcg aacggggaag gcgaaagccg gaaggaagag gaagaagccg 540
aggaaaaaac ggaacaaaga aaaaagagcg agacaagggg gaccccaaaa aaacaaggag 600
aaaagacaga aacaacaaga ggaacggaac aaaaacccgc aaaaagaaga aaacc 655

<210> 6505
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 6505

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gtattccttc tttgtgcagg gctgacggac tgaggaccag tactacatat gtatctgggc 180
tggtgtgtg gggccaaaca cctgactttc aacgttctat gattttatca tattggacta 240
ctgggaccct acgattgatt gactccggct atagagacct accgtgaggg aacaacctgc 300
gtattcttag gggctcgga tatatcttca acaacgtac atgtgctgtt ccgtgtggag 360

ctccggacgt ttagagtccc tcctgatgcg tacgacatga cagagtgtat agtggccctc 420
 cggacaagta tgactgcccc cttaaactctt ccatatataa attgcgctga cagacagggc 480
 cttgtttacc atcatgggac tgcctagata cctctcatca caagacctgc atatgattga 540
 agactccagc cattcgcgtg gcattctggg aaactggcca cctgaatgtc gctccggcat 600
 gcgaaaatag gctgtgactg atggagcgag acccgctat aactgcttgg ttgaaactac 660
 ggggacttaa tccccaatta cccttcttac cagtgtcaaa gcaaagcggg cgtaaaaaat 720
 tcccgttatg accaccaat ttttttagtg gacttgagct tttggccttc gctaccaagg 780
 cattcttggg ggaat 795

<210> 6506
 <211> 396
 <212> DNA
 <213> Aspergillus nidulans

<400> 6506
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 aggccaacag ctctcacagc agacaactga ctacgatgac aaagggacca cgaggggatac 180
 cttggatgac gccacgcccc ccggtgtggt gagaatcacc acccgaccct aggggtcggtc 240
 ggtcatgacg aactatctac catgccaata acaaccgcat gcgcataaac gtgaatatgg 300
 ctaccatgaa cagccacatg atctgtaact atatcaacag gcgcatgtac gacgacccga 360
 ctgggtactg cctggctact gcagacgacc gtgcct 396

<210> 6507
 <211> 653
 <212> DNA
 <213> Aspergillus nidulans

<400> 6507
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 ggaagtgtcg tacgccttgc gcaggatgta tttctcaatg cggctccttg tgatcatctt 120
 ctcttgggga tcaaccgaca tcgacgtctc aatgaaggcc ttgtcgagga aaggaactcg 180
 cgcctccaag cccagggctg atgttgactt gttggctctg aggcagtctg ccaagtgcag 240

gttctttaca cgtetaacgg tttccttgtg gaactcctcc ttgttgggtg cagcatggaa 300
 gtagaggtag cgcggaaga tctcgtcgct accctcacca ctcagaacca tcttgactcc 360
 aagtcccttg atcttccggc taagcaggta catgggggtg gacgcacgga tagtggtcac 420
 atcgtatgtc tccagatggg agataacatc cgatagggcg ttgagaccat cttcaatagt 480
 gaaagtgagg gcgtgggtgct tggtttccca aaacttaacc acctccatgg cagccctctg 540
 tgtcgggagc accagggaga cccatggaaa aagattgcag cttgctgaag gaggttacca 600
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<210> 6508
 <211> 744
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6508

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 caaccagag cccaaggcg aacgcacgga gaaccggaac cggaacaaga cgcaaccgcg 180
 cccgccggac aaaccgaagc gcgggccagc cgccgaccgc cgacggggcg aaaacaccag 240
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 aacggaacga cacacaggag gaacaacaag aggaagcagc aaggaacgan nnaccccagc 360
 aaccccaacc gaaaaggcac cgccccggac caggcaacgg aaccaccaac agccccggga 420
 ccgacccgaa cacgaacacc caaaacgag aacaaacccc aaggacgacg accaccaaag 480
 aggcacgaaa acgcccgaag gcgcaaggcg ccggaacaca caaacggac caagagaaag 540
 gcaaaaaccg acgagcacac caggagacac acaagagcca aacgaacccc ccgaacaacg 600
 cccccgccc agggcaccga ccacaaccaa aacaagccaa caccgcaaga acaccaggg 660
 gaacgaacgg gcacaagccc accaacgaca cccaacacg aaaaaggcca caaacacag 720
 cccccaccag gcaagaaaaa gccc 744

<210> 6509
 <211> 671
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6509

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ccggggcgcg cgtactgacg acgaccctgg gngggccata cacagaaaac ggcgagagaa 180
agacacanat tgttaccgac cagaccaggc aggaccaacg aggggaccca agacccaac 240
caaccgcagc gaaaacgcaa cgcgccgaaa cagcacaag cgcgggcaa cgagcaggca 300
cagcaggaag agaccacacc cggccacncc agcaacgggc agcaaacgg cccccaccac 360
gagaagaagc agccgcaacc ccacaccgag gaggcgaaca ccaaggagcg agacaggcac 420
acggcggcg gccaagagaa cgaaacagga cgccgacagg aacaacaacc gcacgaccga 480
cgaccaggca aacgcccacc aagacgccga aaaccaaagg gacacaaacg acccggacaa 540
gaacggggca accccgaccg cgggaacca accgaacccc aacaccaaca ggaggagccc 600
caggccgagg ccacgcaagg gaaaacggnc aaacacagaa cccaagccg acaacacccg 660
gaaacgggcg g 671

<210> 6510
<211> 978
<212> DNA
<213> *Aspergillus nidulans*

<400> 6510
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ccagagggct tgggccagtc gcagcaagcg ttgacagtgc cgccactaca gcccctagat 180
gaaccccagt cgaccaaggc cagctagaa tcattcgcaa ttgccaccta tcggtggctg 240
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atactgacct gtattagttt gccgggacta acatcggcac gacaatcctt ctctcgcgcg 540

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 ctgggctact gtttacagca tggcgctagg tgtcaactac cgcgccctta gcacggcctt 660
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 gtaggttata atggcaaacc tccgtcataa ggacgaggtt tcccgcgggc tttggggatc 840
 acgacacaca gcattatttg gggccaaacc aacctattgg cgggccctaa tcggcgggcc 900
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<210> 6511
 <211> 916
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6511
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 aaaattcaga caaaaaagct aactcgatcc cagttgcaag acggcaaccg cgttcattgg 180
 ttatgaaacg gtctatcacg cttagtgtt cagcttcaag catcagtctc acctaggcta 240
 caaacttcac actcaccttt cggatgttag gcataatagg attctcagta aaacccatga 300
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 tactcattgc aactgcttt atccattatt gtttagttac agtaggcttg ctgcgcactt 540
 aacggtaacg gtgacactcc ggcaactctt caccgaggag gggctgatga catatcgaga 600
 tccgaagctc tcgagctgac aacatcattc ttctcccaac tttttctcc gacataaact 660
 ctaactccgt cacaatggga tcccctattc acatctctc taaggagcaa ttcaacaatc 720
 tcctgacctc ctctacctc gttgtcgag actgtaagag cctccctctt tgttgatccc 780
 tcgcctctgc tcttcgcccc tcttctggcg agggccgcca tctctgccag ctcaagtgag 840
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<210> 6512
 <211> 625
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6512

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 aagaggacag caccggagac cacaggaccc cacaccaacc acccagacca aaccgacgca 180
 caccgggcac gcccgcggcg cccgagacca cccgcagcac caagaccag gaaacaccca 240
 ctcaccaagc aagcaggagc cgcgacaaga agacggagcc cgccgaagaa ggaccaaacg 300
 cagangcccc acccccgccc cgaaaaagcg ggcacaccaa cggccaacca caagcgaagc 360
 acgcccacgc cgccgcagac cgaaggccac accacggcac ccccgaccac aggaagaacg 420
 cggcccaggc cggaagaac gaaccaacga cacacaggaa cgaagcagac aacaaagcaa 480
 cagccagaca aaccgaaaag cccgaagaac cggcaaaaaa acccccccg c aaaaacaacc 540
 ggcgcgcccc aaacacacc acgaacgcc aacccacgc gaaacgcaac aacggccaac 600
 accccaaacc ccaccagacc ccccc 625

<210> 6513
 <211> 569
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6513

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 tataactgga aagtggcgag cttcaacaag ggcagtatat gtgctacgac cgcgtaagct 180
 tccgtgtttt gcaacgacct tgaaacattc ggcgttagtc cgtggccatt cgttgactag 240
 tcgaacgggt cttatacgga taactgttct cgtatgctat agagtcaccc gccgtgtcca 300
 aaatgtagta tcaacttgac tcggttgaga ttggtagtgc atcatttggt tgatagggaa 360
 gtgatggtac agttggcagg cgactcatgc ggaccttccc acgatgcaat ggtgaggtac 420

agggaaggcg cgggagggca acgatcctag gtgatctgag ttctagttga ctggcacatt 480
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 cttagatcag atcatcgac atacagctt 569

<210> 6514
 <211> 448
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6514

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 tgacaacggg gaccagggag tccctcatta cctagattcc tggaggatga gaactgttat 180
 cgcacacat atcatactga agacgtgttg agtgataagt tttgacactg atgagtagct 240
 tatgtgcttt cttctaggca tagacctgga cgtctcttga tgctgcgctg ggctcaaact 300
 gaagctacgg atggcatctg acactagccc tcgatgcaat gctgaatggc tagctcgcat 360
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 ggggttcggg gccgcgatct agaataata 448

<210> 6515
 <211> 780
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6515

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 gcatacgagg ttacaatgta cacgttgtcc gaacttggcc cagtaccgca acaccaaactg 180
 gctttgcccc cgtcaccgcg aatcgtgatt gaaattatta tggggcatgg gcgggatatt 240
 attccaagga gcgaaggact ctaccgaagc cgggccagat ctccactcct cgatctcact 300
 ttcacccggc tggtgaact tgtaggctgc tccagcctcc agcctccggt ctccagtac 360
 cagccgcaa gagagatctc gcgtgtggac gttcgcattt caggaacggg tccctagcgg 420
 ctggattatg ttttggctct cgattaccga ccggttcatt ggacaaggaa caacggggagg 480

cttccaaggg ttcccaaggg ttggtgcccc ggtaacgttt cctcaacaaa taaaacatat 540
gctgcttgct ttcatatcgg cagatttgtt actcgagatc cagccatgtg ctgtgctcgg 600
cctgtaccaaa ctatcatctg ccgaaagaac gggctacgcg ctgcgcgagg aatctgtgcg 660
gtgcgacaag agcccgggtgc ccagcaaaat cacaataaca acgtccgaga aaaatcgtga 720
gtatgtggca gcaattaaag acctactccg tattcattat tccggccgcg acatgggtct 780

<210> 6516
<211> 531
<212> DNA
<213> *Aspergillus nidulans*

<400> 6516

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atccagtcac actctccgtt cttcccctgc attcctgact caatagtaac atacttccga 180
ttcccttcga caacattctc cttcatccag ataagtctgt caagaaccgc atgcgaagaa 240
gcatgtgaag aagcatacgt ctgcaccaat ctactgtgc cctcgggctc cggcataccc 300
gcctccacgt caaactctgg aagtgtcgca aagagctcct gaatggcctg tggcccaaga 360
tcaacagtaa tgggtagatc agccaggacc ttgatagggg taatcatctt gccgtactta 420
ctagtggggg caacgtcccg cttgacgtga atttgatatg gtgcccgaat ccgccccgat 480
actgcttatg atggaaggta aatccgggca aaaattgttt tccaatggcc a 531

<210> 6517
<211> 590
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6517

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accgacgggg ggggggcaca aaagacgggg cggccgcgca caacaaaagg gagaacgaaa 120
caaaagaggc gacggacagc gcgagcacga aagccacgaa aggagcagaa gggggaaaag 180
ccacacggcg cggcacaggc cgacaaaaca gccacgagca aggagcggaa ggagccgaca 240

cggagaaaaa cggagccagc gcagaaacag gcggaacgaac agaaagagaa agaacggcgc 300
 cagcagaaga accagaaaca gcagcagacg gaggaagcgc caacagcagc gagaaaaaca 360
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 gcgccaaacc cagaacaccg aggggaggaa aaagacaagg aagcacagac caccctaaag 480
 aagcgaggcg gaagaacaaa acggcccaaa aacgacaaca ccgaacgaaa aacgaacaca 540
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<210> 6518
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6518
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 aaaacaggca agggcccacc gcaaccggaa cggaccaag ggggaccggg agcaccacgg 120
 gaaaacgggg agaaaacaag gggacaacag cacggagtag acggaacaca ggacggcgaa 180
 gcacgagaca caccaccca gaacagcatt gagaaccaa atggccacct ggacacgcac 240
 gaggcagaac gcaagagaag gagacacaag cagcaagcaa gatccgcca aggaggacgg 300
 aaaagacgga acgctacaaa gaccccgaag gcagaaccac acagggacca agctacacga 360
 aaaacgaaag ctccaggcca gctgaaccga aaaccacacg atgaaacaaa accaaggaag 420
 acccgggata caacacacca aaggcggaga accacacgca tcactacaca aaagcaaaaa 480
 actgaagaac caaaaacccc aggaagaaga gccgccagaa acggcacaca aggccccaaa 540
 c 541

<210> 6519
 <211> 509
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6519
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 aacggagaag acgcagcgaa acgcagacca taccgcaaac aacaacggcg ccaagggcca 180

aaacgacaga agagagagac caggtagaac ccacgaccag aacaacggca cataacagaa 240
 ccgacggaca aacacgacac gagcaacaca acagggaaag aaaaatagaa cagaggaacc 300
 ccgagaacag aagccacaaa aaaagcgaaa caagagagca acggactata gcgcgggctga 360
 cgaggacccg acccaagaca caacggaaca gaagagggga acagggagcc caaagaagga 420
 agcagcacgc cagaaccggg aaacggcaaa acggcagacc acaaaaaacc cacaccaaaa 480
 cggccgaggc agggcaaagg ggaaacaac 509

<210> 6520
 <211> 609
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6520
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 aggcacgacg tgcggagtct ctaaaaatca tgcacgagac gaacagcaaa cgggagaaaa 180
 ttgatgagct attagatttc attaacgaac ggctggcaga gcttgaagag gagaaggacg 240
 aattgcggaa tttccaagag aaggataaag agcgaagggtg cttggaatac acaatctact 300
 ctgcgcgagca gcaagaaatt gctagctttt tagacagcct cgaagaacag agacaaactg 360
 gtgtcgagga tactgacatt aatcgcgacc gtttcattca aggagagaag gaaatggccc 420
 aggtcgatgc agagatcgcc gagtgcaaac agcagattga atttctcaag gttgataaag 480
 cacagctgga agacgaacga cgcgaggcgt ctaaggcact tgctcaagta gaactacaag 540
 ctaagtcgct gtcggataat caggctgctg cccaagagtc aaaagcacgc catgacgaaa 600
 gcttgaagc 609

<210> 6521
 <211> 716
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6521

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 ttcaaagagg ttgatgtttt ggtcaacaat gcgtgcgttg cccactcccc ttcttgccca 120

aaaattacag ataaaaccgg gaccagcaa ggctagatgc tgattgtcgc gcagaggctt 180
 ggtcaagggt gtcgcccgcg ccctgaaat tgctgaagag gacatagcca ccatgttctc 240
 cacgaacgtc cagggcctca taaatatgac ccaagcaatc ctcccttcca tgctatcgcg 300
 caacaacggg caggagcag gagatatcat caacatcggc tccatcgctg gccgcgagcc 360
 ctacgtgggt gggagtattt actgcgcgac gaaagccgcc gtgcgcagct ttacggaggc 420
 tctgcgcaag gagctcattg catccagggt gaggattatt gcagtagacc ccgggcaggt 480
 cgagacagag ttttcggttg tgaggtttta tggggataag agtaaggcgg atgcggtcta 540
 tgcgtagatt cacacttccc ttataagggc aggaatctgg acaagctggg agttgttggc 600
 taacaactag atgggatgta gaggatgcga gcccgtagcg ccggatgata ttgcagaggt 660
 gatagtgttc acggcgagta agagaaaaaa tgctgtgtg gcanatacgt tgggta 716

<210> 6522
 <211> 564
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6522
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 gtgcttcgcc ttgcttcgtg cggccgggtc ctgttccttc tttctttcct gctccttacc 120
 tactttctgc tgcagttcgc tgatccatgt atcagcttct ggagcagga cgaaatctgg 180
 ggcacgtgct tgcgcggcca gctcgtaa atagcttcgca atgctcatga tgcaggtct 240
 gtgtgctggt gtaaacttcg ctggtgagga ctctggggtt ggcttctgtg acaattggg 300
 ggaggaggtt gcctccatag gttcggccgt tgccttgaca gatgatgcac gcggactgcg 360
 gtgccgccgc tcggattcaa acgactctag agctcgaata gtcgggtttc gcgtacgccc 420
 agacgtacgc gcggcggttg agtggtcgt ggacaggctg gtgggagaag tgggggcatc 480
 catgtgacca tcaagaccat agttgttccg gaacatgtct gtatcgtatt cgaaatggta 540
 atctccattt tcaacatcgg cggg 564

<210> 6523
 <211> 1132
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6523

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tcctgtaatg caatacagta agcttcttgc attcattttc gccataata aactgctcaa 120
tgcatagagg gcgggatacc aggcatacc gaagttcatg gccccagac acagcggcga 180
cactttgacg ccagccgagg gggagaggac tcggtggtag ccaaggaggg ttggcggttt 240
cggagctgga gggaacatgg acattttgag gagaaaatgt tatatagtag atttcaggct 300
aagcacaatt gacaataatc aatccttatt actctacggg gggcattgct cgtttttata 360
atgacgacgg ggtgggcccc ggacggacga tggctaccga ggtatggtac accacagagc 420
aacgctaaga gtatagttag atgatgagaa ctcgaaacca ccgcaagttg atgaccgatc 480
tccatcacct tgggtggcga agggtagagg gccactgta gctccggcca ctgaaaaatg 540
tagaacaatt actataccga aggactcgcc aaggagcga tcgtcagtgg cagaccatgc 600
gggggtaatg gctatcgtaa aggcattggt caattgcact aaactgctta ctgtggatac 660
aagaaccgga gttgagatcg gagttttatt ctacggacat aagaggcctg cgatctgaaa 720
gtcatcatga tgtaactgta cttatataat agagacagtc tatcactgtc tatacaaaaa 780
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cggggaccgt cctcctaaaa tgaaaccggg gtacggaacc cctccacctt aaacatttga 960
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<210> 6524

<211> 505

<212> DNA

<213> *Aspergillus nidulans*

<400> 6524

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ccctggattt gaaggagggt gaaggagtcg tggaggcgaa gaagctcgag aagtatgcac 120
ttgaccgctg atccgcgctc aaccatggag gctaactgtg tttcaattag ggaacgctcg 180

gcagcccga tccaacttat ctccgacctt tgcgacttga cggttcccgt ttcagctatc 240
 gggctcgcaa acctcgacga tggccttggt ggcatcgctg gtacaatcag cagtttgatc 300
 ggtgtgtgga gtcaatggcg aaagaccgct taaacaccca tcgaaatgag tggctagaga 360
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 aatattcacg tcgctagtgc tagaggggat gcacctggga tagcctgctc tgcttgacaa 480
 aatgcttgga aggaggaata ggcgc 505

<210> 6525
 <211> 774
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6525

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 cggcgggata attaactaat accggtgctc aggcgcttg atttgatata ctagttggct 180
 cagcataaat cagcttgaag gtcttgaacg gcacgctat catgagataa cgtgtaactt 240
 gtccgcttat tatgatcatc tgttcgttgg attgctcttt gtctcttat cctggttcca 300
 ggaccaggat ttgggcttct gaaatgaatt ttgtgttgct tagtccatta tctacttagc 360
 acataatcta atatctggtt tacggtcagg acagagagac atataactaat caagagctaa 420
 gcccagagttt gaaacagtca tagagaactg tggaccctat tggaaggctg gcacgttgta 480
 tacaaccata ttgtatattc taggaaaaac tactctagat tctgcctcta gttgagaagc 540
 cagtaaaccg gatggcagct gtcacatgg tagtatctca atatcaattg agccgaatga 600
 atgaatcaag gagctcctgg aatggtagcg tctttocata tcagcaaagc accggtcaac 660
 gcagtcacatc tgcacatcca agtctagact tcggcgacag acctagcatg aagggacggc 720
 tgaattgacg tgcattttac tttgctcggg agccggcttc tgcgtaccac cagc 774

<210> 6526
 <211> 724
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations

<400> 6526

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gaacgcagac caacacaaca aaaaacacca acacacacaa ccgcaagagg caaaaccacg 120

cagangcaaa ccanaccccn agacaaangc caaccacgaa ttgatacgca cgaancncaa 180

aggacagcag ggggaggaga gagccaacaa gcgccccgaa cccccagac ggaaggaggc 240

aagacaagcc gggccaaaca aacggggccag aggggggccc aaagaggacc agcaggaggg 300

gcagcaggcc cagcaaggac acgcaacgaa gaagccgaag gcacgcccgc gcgaggaaac 360

gaccagggca gcacaaaggc cagacaaacg gaaccaaaca aaanncacac acagggaggc 420

acagagaccg acaaggacac aaaaaccagc gccacggaac acaaaaacng acagcacgca 480

ggccgaaggc acgaaccaga ccgccgacaa ggaaggccca aaagacccca gaggcggcgg 540

gaccaaaccg gcggggaaaa aaggacggcc aaaaggcgc acaacaagcc caaggggaaa 600

caaaaccgg accaggcgaa accgcggacc aaacaaagaa aagaggccga agccccaaa 660

ggagaaacag ccggccccca accccgagga acaaacagac cggaaggaga aaaaacccca 720

gccc 724

<210> 6527

<211> 491

<212> DNA

<213> *Aspergillus nidulans*

<400> 6527

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tagagcatcg gcagttgctt cgactcgac gccttcatat catcgacaat ctgctggccc 240

gccagtagt tctgagaact tccgtaaaaa gcattgaact tcttgctggg actcttccgc 300

tgcagcaaga ctgaaactga cgtggactca taagaggccg aaccgaaaac gaaatgaaac 360

cccttcgctg tcttagcgcc aaagcactta tctgaggaa acgttccaatt aaccggccct 420

ggagccccac tggcgcgcg cgtctgtgac tatccattgg tggccacgcc ccgtcatcct 480

gaaactggtc g 491

<210> 6528
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6528

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accacaagcc acaacacgag gcagagcagc aagagccagg caggccaagc acacgcgcgc 120
anaaggaccg aaacaacgcc acaacagcac cagcaccggc agaaagaacg cacacgcaaa 180
ccagcacagg gccgacggca ccggcgaagg cccagccgg caagacgccg acgccgcaag 240
gccaaaccaac cgcagccaaa gcaccaacca acccacagaa gacaaacccg ccaaaaaaca 300
gcaaagcaaa caacggccga gacgacaaga cacagaaaga aaaccatccg ccaacaaaac 360
aagaaacagc aaacaaaaag gacaacgacg accccgagac aagcgcccca agggcccacg 420
aaccagggca aacaaagcaa aaacccaaaa cccacccac ccccgagcg ggcacaaaaa 480
accaaccctt gacaaacca cctacaccgc cccgaacgca aggaaaaaac acggcaaggc 540
cgagcagacc ggaccaccaa ccagagacca cccaaagagc accaaacc 588
  
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<210> 6529
 <211> 915
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6529

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tgctttctga gtccatatgc tagtggattt gaactatcca agagtccaaa gaagcgaagg 180
ctaacatagt agccagggat gcagaccaga ccagcccaaa cggcaacgag acaagtattg 240
ctgcatgagc aaaagccgaa catacattct caaacacagt agacatctca gaataagccg 300
taatcgctca tccgaaaagc caggcggaag atcacttggg acctagacaa cccataacct 360
gagcaaaatc acgatcagcg acgtcaagaa cttttcaacc atctgcaaca atgcaccagc 420
cattcccgtg gtttctatgg tgacgcggga ttgcgatct atagcttgta accgcatcaa 480
  
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acaagtgtca tgcaaaaaag ccaccaagcc ggcaaccgat cgatttgggt gagataatcg 540
gaccactcga acaccaaata caccgacca gcccgaaaaa cagaaaagat gagtatggga 600
tgcaaaataa atttgtgggg ggataggaat gcaaataattt tcttttgagt gagcattata 660
taggcgaaaa gagggccgag cccatgcagt ccaccctact ttaaaaatga agtgcctatt 720
ttcatggact cgttaacctt taaagttggc aatcaaggc ggtggccggg aagtaccacg 780
ccctcgttgg ataagcaggg ccctggaacg aaccaaaaaa aaagggttgg atgcgaattn 840
aagcctttat tccaaccgaa aaaaaacgtt ccggtttggg ctgggggttg ttgttttttt 900
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<210> 6530
<211> 614
<212> DNA
<213> Aspergillus nidulans

<400> 6530

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ccccacggta gaaatcaagg tcttggtctc gatgatggag tctctagctg catcgtgcgg 180
attcgaggcc ggcttcgcaa tccaatgaca gtttcgttct gtatctgccc tgcagcctat 240
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cagagcccaa cccccacaac cgcgaaatagc aattggaacc ttcaatggcg ttccgcggaac 360
accattgct tgataaagat aagaaatccg aggagaatga tggcggaccc cgcctatgta 420
aagctagtta gctgatgata aggcaacggg cgggactgtt tcctgcgtag ctacttaaag 480
accctgccat ccgttccac cttcacact gacggcttct ttctgcctt cagctcaatt 540
agtcccatc catcatgca cgatcccttc aacacatcgc catgcaggca ccagcgctc 600
tcgtgtagcc gaga 614

<210> 6531
<211> 724
<212> DNA
<213> Aspergillus nidulans

<400> 6531

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ttgatgtctc gaagcatctg cattccgaag tggacgcgca gatgtcctgt catctgtaat 180
cttcacgaca gcaggttttc gccggtttca tgattattgc tataataatc ttggaaataa 240
aagatcacca aaatctggaa tgggacaagg ctgagccact gaggtcagtg gggtcggcga 300
gttgccgtct agcctgcaca aagcagctgc caccaggaat ctgccagagc tcgacagata 360
ctcttaagga gccaggtttg aattcttggg cgtcctcggg aagagccgcc atgttcctcg 420
gatttcagag acgagaatag acccaaaagg aaatagataa ataattcagt agatgataga 480
agtcacatctac cgccctatca caatgataat aataggtagc ccagccactg cataatcatc 540
atcgtcaciaa ctgcaatggg atgtcatcca atccaagcct ccatatgatc agtcgccgac 600
caagcgccca tgacgcgat tccccactc cagctgagcc gcccgatac caattatcac 660
cctttagacg gtcttcttcc ctcttttggc ttttcttccc ttttcccact ggccttggcc 720
cttg 724

<210> 6532
<211> 590
<212> DNA
<213> *Aspergillus nidulans*
<400> 6532

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aggagctacg accacgtgcg agagtacca acccaagata aagctcaata tccgcccctc 120
ctcaggatct gaagcaaacg cggattgcca acatgctaata gcagcgctg ggagcagtct 180
cggactgtcc ttggactacc tacaccaca tcttttttgt tggggataag aactgctcc 240
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gaacgaggct acgattctta taccagaaag aacaacacc atcaactgag cagattaggc 360
gcctgagctc agtcacagcg cggtaaagt tccagccttgc tgaaggagaa tctataagta 420
gactcatcta ctggagactc aataaaccga acggagaatc cttgaactat ccagaacgag 480
aggattgaca accacaagac ctttatagt ctcagagcct attacattta accttctaac 540
ccgacggtca gatgaccgga ataccaccaa catcagcatg cggttgcccg 590

<210> 6533
 <211> 587
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6533

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gccaccctac agtactgtgc ccatcaaacc gaaaggacaa tgggcgagat ctgttgccgc 180
atcggttatg cctgaccage atgtatttta tgagccagtc taacatttcc gtcttgactc 240
atacttggag aataataaag ccacatgtca tgaatacaac aagagcccta tacgcagggt 300
ccatgtgaaa tagcgcatca ttcgtcctta tccagcttca acatgttaca ctaaatacaag 360
tccagcccat gatagctaag tattcgttgt gagaacaaaa tgccatgaac aaaaacaaag 420
caaggtgatt aagtgagcct atagcaggat ccagacgccg atgcaatcca atgaattaat 480
atttcaaaaa cgtgcctcgt aagcggaaag tagtatagag caaagtagga ccaaccaaac 540
ccttcgcgtg gttcgcagggt agtgacaacc atgccactag acatgtt 587
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<210> 6534
 <211> 397
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6534

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caagccatct atgacgcacg cttggtgcct aaccacgggc aaagtggctg atgtgccatt 180
caagaggcac ttgttcacct gaacgtatct tgaatgaggg aatcctatcc agtagaatca 240
acaaggatag atcgagtgtc gtaacacatc tgcgatacta ccatgggggc gaaccttctc 300
acctgaataa ccgtcccata cttagattgt gctgaacgct ctatctgtct gaaagcgagc 360
cgatcgctta tctggcttac tctgtgctga cttgact 397
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<210> 6535
 <211> 104
 <212> DNA

<213> Aspergillus nidulans

<400> 6535

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caaaccccag ccaccaacac cataacacaa ccaccaccaa aaaa 104

<210> 6536

<211> 961

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6536

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gtacacaaag gccaacggtg aggtcgtatc agggacatac ctgccgatgc tatttgagac 240

tctagcggac ccgattgtca gcggccgtga agagcttggg atgccaaagc tgtattctgc 300

ccttgaggcg aatgagcgcg agggctcata ttaccttcaa gcgagctggc agggcgccgt 360

ctggggggcga ttccagtgcg aaggactcga ggaccaagat tcggcaacaa ccgccaggcc 420

aagcgacagt ggtgtcaacg gaggcttgct tcttcaccgc tacataccca aagttgggag 480

agactgcaag ggtcaggcgg aggttgagta tccggtgttt gtcccgaatg cagatgagag 540

caagatgctg gtctcaaagg taaaccgggt tcgtacagct acaagggctg catttgagat 600

tgatggcctt ggggtgggagg ctttgcaacg ttgcaccaca tcatcgagcg attggccgag 660

attccagtcg atgagattct gtcggcgaaa attgtcgagg gagaggggggt gccggatgtg 720

tcgtctgcgc gccggataga gtgaggacca caacaaagtg tgaatccttg taatattata 780

tccagacgac ggactagagg attctgatat ctgtactgat agtcattctt gagaggcgaa 840

ggtggttgag caggagacgg aggggatcta gtctcagca accttgggca atcgcttttc 900

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g 961

<210> 6537

<211> 649

<212> DNA
 <213> Aspergillus nidulans
 <400> 6537

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 acggcttttgc ttttgctcct aggcgcaatt gctctagatc ttagcaaagc cgtaaaccct 120
 atcactggga tttctttttc aggttgtgct gcagctattg gtttcatgga tgtcacagtc 180
 tcccgtaact tttcatcagc cagggtccaca ggttcgccgt gaacaaacat attagaaaaa 240
 cagcgtgata aaggaggcaa ttcgaagcaa gccggagcaa acgggaaagc agctcaggcc 300
 cctacaactt tggcaaacgt tccgtcgacg attttcttcc ggcttcttgt gtcgtctgcc 360
 aggcagatga tggcctcaca ctacacatta gtacacaccc agtcctctaa ctcatgatct 420
 agcagaagaa ggaggaaggg aagagctaac ctgcgcgaag atgctgaagc aacgattcat 480
 ttgcgcaaga cccgggacat gatccaaatc tacattctct tacacattat gttaccacaa 540
 atatactatg cggcgtattg gaatgaggcg ataaatcttt gcatttgcaa tgacatgttc 600
 ctcaccctac cttagaaac cggtttttgg acccgaaccc aggggggctc 649

<210> 6538
 <211> 773
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6538

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 cttgagcgta ctggccgcgc cgactgccag gcacgactag agtcgtgac cactgacatg 180
 cgtccaagga actactccac gccgttattc ttggaaatcg cactgctgc taagcatgga 240
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 cgtacgcttg cgtgcaggat attgctccg tctagtggc tccgaaaaca gaccctgata 360
 ctcagttatt aaaccctctc ggaatcgga ataccgatac agactcgggt ctgagtcgga 420
 tgccgtattc acctccagca gtgccacac tttaccgaac tctaaccggc taataatata 480
 acggcttaaa gtctatgcaa atagctaagg caagaaccgc ttgggcatac ggagctagct 540

catctgggtc tgtagagatt ccctaacccc tgtccttcgc ttttgatcta tttagactgg 600
gagcgggaca atccnnaatg gttgctcccg cgcccgaata ttttccacaa ctatctcctt 660
tttccgtccc tggacgagga gagcctggat ttaccagga agccctcaac ttctggtgag 720
aagcacttaa atttatcaat taatgggtctg gtgatcatta taaatttctt gat 773

<210> 6539
<211> 698
<212> DNA
<213> *Aspergillus nidulans*

<400> 6539
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cccggtttcg tttgaaggag atacgatggg tatatataaa tctgcacaag tgttgaggat 120
agaacttgct cgaatccagg gtctggtgta ccaaaagctc tatagcccag ccgcactgag 180
gcaggacgag atggctaggg tggcggaggg ccgctggcta gctgccgaaa tgcaggatcg 240
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agcagaaact gtatcccacc ctggaaaact tgaatccgat cgagtacttg tatatcaaat 360
gcgatgaagt atgccgctta tcggttctaa ctttgattta ccgcgctatc cccctcaga 420
cgggcacccct gggcacgttt gtcaaagaat gcattgaagc tgccaggagc gccctccagg 480
cacacaagtc gagcatgtcg ctgctgacgg aggccaacca ggccacgaag ctctcatacc 540
ttcattggga aaacaacccc cgagtgtttt gcgagggatt ctaacttggc agggggatcc 600
tttattctcc cgttggtccc ttcacggggc ctttctggca cataattgag ggggtctttt 660
gggaagcctc taccggctta ggggggtgtt taaccccc 698

<210> 6540
<211> 602
<212> DNA
<213> *Aspergillus nidulans*

<400> 6540
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cctaagcttc agcttcaccc tacgtatgcc tcacggagga taagcttcca gccactacgc 120
agttccaaca gtacaaaacg ctcatcctga tgaagtgcg ctgtgtaatg cagcgtcact 180

ttcaatctga cgtgcgaggc atagcacctt gccctccaac gagcaacatc tggaaacgag 240
 actggcacag atcgggtctc ttaatgctgg cttatctcgg taacaaaagc aaagctgccc 300
 ggaatcatga cgcggcatta ttggactgca acgctgattt ggacgccaca atttttcggc 360
 attgcaaata gcttgcttca agttggcgcc accagctctt aaacatccag aactgagatc 420
 aaaaagcatg cagcaatacc gaaccggggc tcgactcggt totatgtccg ctctcgcatc 480
 gcatccaatg acaagttcaa gctgggttat tattgctcga tgctcgtcta tacagttaat 540
 cgagggacat ccattgttgg cgtttcaactg tccagctgtc aaaggctccc caaaaacagg 600
 ca 602

<210> 6541
 <211> 637
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6541
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 gctcggagat ctggaagac atgctgattc gagatctgtg ctagctcctg cactataatt 120
 agtgatgttt gcaagtacta gtgaacgcaa aggcgcaaca cacctctcgt aagggtgttc 180
 taatagtctt catcgggtccg gcatgctgtg gtccaggtcg ctgtccgagg aggagaccgt 240
 ctcgatgaat gatccagcgc ttagctgccc cagttcgaag gtagattcga tgggcctgga 300
 atcgccgggc actgccgtca aggatgactc tgataattgt cagaactata ggcggccttg 360
 acacggcttg gcttcgaaag tactgtacct ttgcaactgg gccttttcgg cctcatccgc 420
 agaagtgttt gccggcggcg ggctgggggt atagttcgaa gccattaagg cattcgcggc 480
 tgccacgcac tcctgagca ccctgtatcc ctcttctgat tgatccgctg gtggtaccgg 540
 cacattgagt tggttaatat gaacgagcag agtacggtaa tcgttcatga gttcggccac 600
 ccttagggcg cgtgcttggt tacctaataa gatcagt 637

<210> 6542
 <211> 703
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6542

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cgaaacaata ancaaacccc cacacccaaa ggcgaattc gcgaanacgc ggggggccac 120
aaccggaggc acccacaaca gcgcgacccc cgggtgatacc cccaccccga gaggcaccaa 180
caaggggggaa gccgggagacg gaggcggaaa gcaacacaca gaacggccag aaccggacca 240
agagaacagg aagaggccga gagagaaccg caccgacacc gcaaccgggc anaaaagacc 300
cgacccgaan gccaccacga gcaagagccc accggaaaacc agagcgcagc gcagacggcc 360
gaacggaagc gcgccgggca acggggcagc aacggacggc ggaaacgcag cccgagaaga 420
cggacagacc cggccccaac ggaacaagac ccggggccgga cccggacccc caacggggaa 480
gccccacag gaaggccagg ccaagaagag ccagggaac ccgaacgccg aaacccagc 540
ccgacccggc aaaaaagagg gcggggcgac gacacgcaa caaacagcac aacgcgggag 600
gccaccaag accaaacccg aggggaaggac acaacgggca gaaacaccgc ggacaggcca 660
ccaagaggga acggggacca aagacaaaca agccgcacgg gca 703

<210> 6543
<211> 677
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6543

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acgacaccgc aaacaacaaa aaataaaaac acccgaagc gccaggcgta gcaggagcac 120
gcaaangcgc accaacaaca gaaacgcaag gcgccgggaca attttcaaag gcgcagggga 180
gcgccgacgg ggggaagggg cgaagaagag gacggacca agcgcaacca agcccaccgg 240
gccaacgcgc ccgcacggag agccgcaccg aaagcacccg aaccggcacc cacgccacgc 300
aggggnaccc gacaaaaagc ccaaggccgc aagcgacaca ggacgagccg ggaaaaaacg 360
ccccgacgcg caaggaaacc naccaggaga gggaaaggca cacagacaac aggaagggag 420
caacccccag cggcggcagg gacaaaggcg aagcacacac gcacacacgc ggccgacggg 480
aacaggaaca cggacaaacg cgagagaaa ggaacgaacc cgaaaacgaa ccccgcgccc 540
agaaagcacc cggcaagaca accacaaagg ccagggcaaa aaccgggaga aacggaaaac 600

ccaaaagggg ggcccaaagg cagcgagaga aaacgccag gacggggaaa ggcaaaagca 660
 aaaagccccg accgaac 677

<210> 6544
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 6544

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 aaatgtaaag ggctgggcac ttgacgagca gccaggggtg caggctttcg tctgcctcca 120
 cgtcgtgaag ggagatagat acaggccagt cgggcatcgg aacagcgca acaggttggc 180
 tttttgaaat cgcagcggag atgctgcgag cgacactcag tgcaagcgac ggtcattgtc 240
 cgtccttttg gcttataata gtaaaccggg aggttgaaaa tgggtagta agatcggtag 300
 atggatagaa tcagggttga tgacgccgat tctgtcgggg tccattctcg atcaccgat 360
 tcgccaaggc atgtggcacc agacgacgta aaggattaaa ttttaattaat tttaccaatt 420
 ttaattgagc gccaaacttt actgtaaact ggactaggct aggctagata gcgaaaactc 480
 tagtgactct acggtaatgc cttgttgtac cggaacc 518

<210> 6545
 <211> 630
 <212> DNA
 <213> Aspergillus nidulans

<400> 6545

ataaccctac taaagggatc ctggaaaata cacagggaag acttctatgc tctgggtggg 60
 ttgagaagct gactgtattc catTTTTgagc tcagcgctag ttgaaacata cctcttgagt 120
 ggggaccgta agcccgagag tttatagagt gcacttgaaa ccgcaggatc aagtagacga 180
 ttagattgca aagagaggta aaacttccaa gtgcatggta cttctctac tcagaatata 240
 tctctaaata ttgtctgagt tgaaacgtaa ctccgcagaa cacagtcaaa gcttggggac 300
 gagcctagat aaccggctcc agacctgga attcaaaact cattcaatgg gaagcaacta 360
 gtagtttgtt atcacacata ggtttcagta actaattgta tcggttaatt tctatgtttt 420
 gggggcaatt tcattgggag caattttaaa gagcccgtt actattttga ccaagcttga 480

atggatatac cgccacggcc gaaagactga ttactgcgat gctctgatgc tttattgagc 540
gtttggaactt gctgagggtgc tgcatttttg ataagatgcc tttctgaact gggatatgggt 600
tggttaatcc ctctcagtgg taaaaacat 630

<210> 6546
<211> 562
<212> DNA
<213> Aspergillus nidulans

<400> 6546
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ccttttcatac tctccttatac ttgcgcgagt attccgaccg tcaaggtata attacgcccc 120
atgccgtctt cgcctataaaa gacgtctcaa cccggcgccct gggtcctatct atatccgttc 180
atcacatcgc tggagacaag ttgcgcgtcc ctgttctgcg cgtgggtcttc tctccgttct 240
ccttgcttag cttttcaaca ttagcggacg ctcatcctat tactctgcta agactcagga 300
acatgtcatt gttgtagaac gatcactatc cgtacagcca ctgtccacgc ttcagaatct 360
cgtcccgagc aggaccggc gcaaccagcg cgaccgtcag agagcccggc gatttcagac 420
gtctgggtccc taggagtctt gcgatctgct ctaggcaaag cgtaggtacc catatcgcg 480
caagactact tcaagccata tgtggatttc atgaggactg acgttataat attaatacat 540
cgcaaccgtc caacggtctc cc 562

<210> 6547
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 6547
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tccaccagcc ttgcgtcaac tgtttgctga atttgacagc ctgttgcttc ttgccaaagg 120
cggaaagatg gtctatttcg gtgacattgg cgacaacggt tcgaccgtca aggaatactt 180
tgcccgtcac ggtgccccct gccctcccaa cgccaatccg gccgaacaca tgattgacgt 240
cgtgtctgga tccctgtcac aagggcgcgga ctggcacgag gtttggaag cttctccaga 300
gcataccaac gcgcagaagg aactagaccg aatcatcagc gaagcagcgt ccaaaccacc 360

tggaaccgta gatgacggcc acgagttcgc catgcccctc tggcaacaaa cggtgattgt 420
 cacaaagcgc acttgtcttg cggtttaccg gaacaccgac tatgtcaaca acaagctcgc 480
 cctccacatc ggatccgccc tcttcaatgg cttctctttc tggaaaatgg gtgcatccgt 540
 cggtgaactc cagctcaaac tattcgccct tttcaacttc atatttgcg cgccagggtgc 600
 cattc 605

<210> 6548
 <211> 711
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6548

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 gcgatataac cttcagtcgc tttcagtaga cttcgtcttt acgtcataac taggttggag 120
 catcatttgt gaggcgggta tcatattgtt atggagggcg gcggatcaca atgatgaaca 180
 gttgattcta cacaaaaaga ggcaatcaac gagatgacaa cgatcatctag gagttagtaa 240
 agtgaatatt ctccattaga gataatagct tgataccaag ggcattgtcc aatgcttcat 300
 ttagttgtcc ctgcaaaggc tacagcaata cgtcagtcac gtgcacgcac gcctgtttgt 360
 tgttcttcac tatcaaccat ttctactatt tcatcacctg cttcactcaa atatacctc 420
 agatttcaact tggatttcaa tactagctgt gctttctggc tcttgggtcaa gttattgctc 480
 tagtgggaga attgtagctg ccacttggct taaaagcccc gctctttctg ttgccgtgga 540
 tacggtcgcg caactttcat gattcgcgaa taacggcggg cactccatct tgagggtttt 600
 tcttccccct aatttggcga aaataattgc atttaactct ggttttgcac atttgtctat 660
 cgngatccat ccaaaagcgg cttccgaccg gntgttcaag cgtttgggct c 711

<210> 6549
 <211> 727
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6549

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 tttcgagatg atactcatat gctttgtaat tcaagtgcgt gtattaccgt atgaaaatgt 120

cttgaactgg aaaactaaat tccgctaacc aatcatagga cgcctagatc cagaatgtca 180
 gccactatcc cggatctggt aagaggctcc tcaccccaca gtccttagtc acgggctctg 240
 aataacctgc cgagatttcc acgagttgcg aatcccgtcg ccgctcgtat tttagtgcac 300
 ccatcccctc gctggttctg tccgattcag tactttgtcc actattctca attgcttgtc 360
 cacttcctca tatcgatca accgatattc ctgctcaatg gaggccttc tccagcagtc 420
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 cgctaccgt cccagcacca gccctggcgg tggtactatg accaatttgc agagaatcgc 540
 tcgccgtgc ccggtcatga gcaaggcgt cgctgtccag agtgcccgca tgactggcac 600
 caagcgattt acttcctctg cggctggtgt acctggcgt ggagctggta ccccaagcc 660
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 gagttta 727

<210> 6550
 <211> 713
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6550

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 cccacccaac acccacacac cgaatacacg ctaaaaacan cnnccccccc gacggcgcgc 120
 gantaataaa aacaaccag ggaccaggaa agcccaaagg ggacgccgac gagacgcacc 180
 aattactggg cgacacggcc gggccgcgg caggggactc taacgaaaaa cgcagggacc 240
 caacaaaaac gagaacgcna cggcacgacg ccggaaccac ccaccacaaa caaggcaaca 300
 accacccgac ccaggaaagg gaaccgcacc ccagaaacga agagaagaga cagacgcgga 360
 gaaacgggag gaaccgccc gaagagacga agagcccaca agcgcacaaa gaggaaggaa 420
 caaaaaccgg ccgcaccaga acacaaaag acacagccaa cccaggcaga gccacaggca 480
 agccccgcgc agcgaccgg acaaagaaag accgcacaac ccacaaaaca cacgacgacc 540
 agggcaccca agcaccaagg aacaccacaa aaagagggcc aacacaccac caagaacccc 600
 acccaaagaa cccccggcaa acaaaccgg gaaaagaaac aaaccgcgc gaacacccaa 660

acaagcacac acccatcagg cagaaaaagc cccaaacaca acgccccccc agg 713

<210> 6551
 <211> 820
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6551

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 ccagtccact tactcacaaa aattagcaca gcgcgtgata cgagggggaa aacgcaccgt 120
 caataccgtc aaggccgaat tcgtctacta gtcgctttgc ggactgcgca aacgtttctg 180
 tacaagactt gtcgagacc actgcagcaa aattctcact tcccttgcca cccctccta 240
 ttgagagtat aagtttcaac ttggaatact gcggtttcag ctgcgcgaat gccgaagac 300
 aaccagttgt gccgtcgacg ggcattctgcg tgtctgcca ctcactctc aactgatata 360
 gaccttggtc agcacgccct gtgtcgaccg taccctcaat taaaggagtg ggagatatac 420
 atagaccgtg ccgtcttctt tgaccctaaa tgagacaaat aaggttggtt aacaatctga 480
 tttctactgc ggattcgga tccgcaagtg atgcatggct agtatatacc aggcaaaagc 540
 gtaaaagata tgggagatga atcccaatct gagcgatgaa ggaggttgct ttcgatatat 600
 gcgccaagtc ggatagtatg ctgcattcaa gagaaaggga tctcccagga gctgccactg 660
 aagcgttctg ctgctttacc gcgccagtgg ngaaaataga gcccgaaaac atgaatattg 720
 tgcagaccgc agccttttgg gtccgtgtta ttgagacaat taaaaaaaaat ttgctagtca 780
 gttgcaccaa caagaaggga gaaaatggat gtggtgaagc 820

<210> 6552
 <211> 652
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6552

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 cattgaggcg ttgggtccga ttcggctatt gattattctc tgcgcgatcc aggtacaggc 120
 agtcagtctt atggtctgcc atcatgaacc cgacggacac gacatggcat ggtgtacagt 180
 acaggcgctg gaataatgga cgtcctatct ataccataga gtgaatgatt tgcatttcca 240

acatattttct tccaccttct tcacaaagcc gcaggtaacg ccttcttcac aaaaatggcc 300
 tctgcagttg tacacactac tccgttecta tctctcaca tcccttcaat aaacaccttc 360
 ctccccctcaa ccttctccac ccttgccgac gcaacaacga cgggtcccgt ctcatcctca 420
 ggtatgagaa cgggcctttt atatcccaga ctcaacctcg ccgtaaacad tcccagccc 480
 tcatccaatt tcgcagccgc aaccaggttc ccgcataact cgtccataac cgttgccagg 540
 aaccacccgt gcgcgattcc tgtttgcccc gtgatgccac ggccaacacg taaaaaaga 600
 tggccttcta tctttgcttc tgcctctgag acttgggtct gttttgtttt tg 652

<210> 6553
 <211> 596
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6553

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 tcccaactag gtaatcttca gcttctcgtc gactgaacgg ctgtgtcccg gcatcgtttc 120
 cgtactggaa cgcctctgtc aaggctctcc ggacagcctg gggcatccgt ccagaggagc 180
 cgcaaacgaa cacagcacct cccttgatc gcaggagatt aaagaccagg cttgagttct 240
 cccgaataac atcctggaca tagacctttt gcttctggtc tcgcgaaaac gccgtcagga 300
 ctttgagttt gattaagtcg ctcatgtgct gccattcgtc ttcgaagaag aagtccgcgg 360
 ctcgattccg accgccgtac acgagaatcg tgggctcgat tggcggatct acgccggggc 420
 ttttctctag ataggacttg acgatcgagg ctntttccca tagcatggat cgnaaaggcg 480
 caacacctgt gcccggtcct atcaacatcg tagggccgac tagttggccg acngacgagt 540
 ngagggccgc ctctgcagc tggaatcatg gtgtgcttac tggctcgagat ggaaat 596

<210> 6554
 <211> 533
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6554

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gatgggtttt tgccgggagg cgcagtagca aggtgctcgg gctcgggttc cagagttgga 120
catagccggg cgatcctcac ttgaaatgag cagacacgtc tgcttccatg tagtcgctgt 180
actgcttgac ccaatggacc ctgtctatga tacggagtgga ctcaaactga accagaaacg 240
gatatcgggt tcatgtatgt ggtggaactc actagttcga gacagagtat ggtgggctga 300
ggccatggac actgtaggag ggggaagact gacgtacagc cggcgccatg ctgcaacacg 360
gccgtaacga agcgaccatg aggctgtgct caacatctag agtcagcacg atgggctggt 420
ggatgggtgct ttgcggaaga acagggacag ctcaagctga cgtagtccat gtatatacaa 480
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<210> 6555
<211> 1196
<212> DNA
<213> *Aspergillus nidulans*
<400> 6555

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accgccgtag tgcatacgtc accgtgacga atgccgatat cagcccagtc gacgagggtg 180
tgctcgacgg ggcccagcgg ccgctgaaaa actggccaag aaggaaacct aacgggtgtc 240
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tcggcatacg cagggcagta cctccactct caacactccg ctaccaatat cccagccga 360
atcgggactc cggccgtcca gcatattaag ggaggattgc ggttgtacca cccctaagta 420
ggaataccta atagtgcgct tatagtctta tacagaccta ctgcagatta gctacattgc 480
tggettatga cacgattgta cgacaccaat aaacgggggtg agacgaaact ctgacaccgt 540
atgcatgaaa aaggtattgc gaaattagac tagagatgta ataacagtca cgcattatga 600
cgaaatacct tcataacgaa gcatatttta aggagataac aatgaggcat gataaccggc 660
tactgttaag aacggtacac acatcaatac tgctcaggtg tcgatcagtg ttagacgagg 720
ataaccatat aatactgaaa ctgttataaa tagggaagat atgcgtttcc ataatatcag 780
gatcatgatt atgtctgaca aagtcatgca tcaacgatca acgtcctatg aactgcatt 840
ctatgaacta tgcatacgaa agatcacaaa ctcaagaagt acctttacta taaatcgcac 900

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ggagtatgaa tgagtaataa tgaacaaggc cgtatatata tagatacatc gaacctgcac 1080
aataataacg gatctcaatc gctgatgatt gcttcacgat gaggatgttg attataacta 1140
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<210> 6556
<211> 686
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6556

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aactacacca acaaccaacg cccccattat cagcacagcg cccaaccaa acaacgggga 180
cacgacagac acgggggycgg cacacaaccc gcaccacaaa ccaaccacac ccggagacga 240
ccaaacccca gacaacaacc cacagatgac acggcagcac aaccgcgacc gggccgaggg 300
cgagaacacc aaggacagac gccccaacag aacaacgcga caaacagcgc accgacaaca 360
gccccgagga caataaacca caaaacaacg aacgggccag gaccaacgga cggcgcccca 420
aaagcggaca cgacacccca gacagacccc aaaaccaggg gccgcgaagg acgggacgcc 480
acaagccccc aacagacacc gacaggccga ccgcccgaac gaaaccaact cgaccccaga 540
agcacaagga agggcaggcc ccaaaaaacc ggccaagaac aaccccagcc ggcaccgccc 600
gccacagacg gaggcaaacc gacaacaggc cgcccggaaa ggaggccaaa gcacaaagcc 660
ccaggcaacc aaggccacga agagac 686

<210> 6557
<211> 1004
<212> DNA
<213> *Aspergillus nidulans*
<400> 6557

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gggagacgga gtggcgcgat ctgagttttg aggaactcgc attcaacatc atgtccctct 180
 acatctcacc ctccgaaata cctctgaag atctcagga tatcattaag cgctcgtact 240
 cgaccttccg ccaccccgag cgtacacca ttgtcgagct tgacgcaaag cagaaccttt 300
 accttttaga actgttccac ggccctacat tcgctttcaa ggatgttgcg ctttaatttc 360
 tcggaaactt gttcgagtac tttctcgtac gcaagaataa ggggaaggag ggcaaagaca 420
 ggcattatct cactgtataa ctaccttcg ccgtccatat gttagtgtg accttttact 480
 agattgtcgg cgctacatca ggagataccg gaagcgcagc tatttactgt gttcgaggga 540
 agaaagacgt ttctatcttc atgatgttcc ctaccgaaa ggtgtcgccc atccagcagg 600
 cccagatgac tactcgtctt gacgccaacg tacataacct tactgttgag ggatcatttg 660
 atgaacgcca ggatatcgtc aaggcttttt ttgccgatcc tgatatcaac tccaccaca 720
 acctttgccg cgttggtatt cctttcctgg acatatctat acctcgctaa ttgccccaaa 780
 gcgtcaacag tattaattgg cagcttgtca aggcaccagt gaccttccac cttctacttc 840
 tacttttttt ttgtaaaaac acccgcttcc gatgaattca aagtccctt ttgtctaccc 900
 tttttggcac atatggggca ttccaatcgg taggaccctt aaacaaatgg gcttcccacc 960
 gtaaactctt attgtttcac acgatatcga ctacttgacg tttt 1004

<210> 6558
 <211> 871
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6558

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 cgggcacaat caagaattca ggtcccaggc catctgccca ggcagcagtt aaggatatac 180
 tgcagtcggg tgttcgcgt caaacagcca gatgtattat acaagttgca aagcaggaaa 240
 tatatcagat tgtcgccagt tccaatcgat gtccgcggcg tgaaatccag aacctttcat 300
 catagggagt tcggtaaaac ttcgtccccg ggaaatgggc cagatgacag cagagaaccg 360
 ccgaaaggaa gtcaaggata tgcttcagat aaaccgccc cctgctctaa ttttaccaca 420
 ggaaagacgt caaaataatg atttagggaa aagtcggctg ccgtctcacc atgctcttgg 480

ctatggcgat tgaatgaaag atagcggtcg tgaagctgcc gagcacgcgt cttggtgaaa 540
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 agactgagac gttttcgcca gcgatgtgtt gaaccgagca gagtctgggc tggatcacia 660
 cctatcgacc ctgcagctag cagatgagtt cgtttatata gtaccgacca gtgtgagctc 720
 atgtcaactt tgaagcaaatt gtgccgagca ttaatgtgtc agcgtgactt ttttcaagtt 780
 tttttttaaa caaatctgtt tggtcgtgtg tggacacaca actgttgttc gctgaagaat 840
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<210> 6559
 <211> 720
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6559

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 cacacacaga ccagccacac cgcgccccaa acagcttaat acctccctca ccagcgacg 120
 cgccctngac acggaaacac aggaggcgcg cgacccganc cacaacaaca aactaaaccc 180
 cccttattcg ccaccgagac acccagacac agaggggggc ccaacgaaac aacaggcgcg 240
 gccaaaacaa cagaacgcgc cgacgcagag aagccggggg ccccgcccaa gaaacagcga 300
 aacaacgaca ggaccacta accagagaca aaaggacccc gaggcgaaac ccaccccgca 360
 aagcacaacc ccccgggcg aaaaccacaa gagcgcgagc caaggaagga ggaaacccag 420
 cccctacgcc aaccaaagcc acccccaaac ccacccggca caaccggcag aaagcaaagg 480
 gcccaaccaa aacccaacg acggcccccc cgggcaccaa cccaacgcaa aggagaccaa 540
 aacccaccaa ccgaccgacc caacagcaaa aacaaagccc cccccccacc acaacaaaca 600
 gccccggaca tgcaaccaa ccccccaaa aaggggcccc ccaacccag acggcggcac 660
 gcccccaaa caagaaccaa gggaccgacc ccaccacaa cgccgacaca aacccccaca 720

<210> 6560
 <211> 1071
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6560

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gaaagatgaa gaaggacgga ggagaggaga ggagggttat gaaaaaatat acggagaaaa 180
gagttatggg aaaagataaa agtggaaaag caggtataat taaagttgac ataagaaatg 240
tgggtgaaaa gatatatgga gagcgaaaac gttatggttg gaaaaggtag cgttaactaa 300
cgagcacaaa gtgaataaag ggccctttttg agccaagcaa ccattttcca atggggaaaac 360
accaatagca aatgcggcga tcggcattca acttcagagg ccaaaggccc caactactta 420
ggccgcccgtg ccagtattcc ggccaatgca caaaccacct ttctgtcacg ttcggagcct 480
ctcaaacttc tacaagatgt ctaaactctc cccaagccta aaggcgctga tcaattcgcc 540
caccgcccgt ccaaacaccg tccccgcgcc gcgcaatata aggtccgtct acgccaagat 600
ccagcaaacc gcgcaggaaa agaattgtctc gaggaattca tggattgctc tatcagtgcg 660
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cgtggtgaag acagcagcta ccatgacgat gaactctgcc gcctgcctaa ccgcctata 780
cgaaaccgca acatgctgag aaccaagcga actcacacac attgagaccg gggaacttat 840
gccccaaagt gggcctgaag tgcataagct ttaacggtat ccctggaaca attaactgcc 900
tcaatgcctt caaagcgtct ctaccgagat cgatcgctt ggcgctgtca aaggaaccaa 960
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<210> 6561
<211> 926
<212> DNA
<213> *Aspergillus nidulans*

<400> 6561
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cgagtcctca agagtacaga gtacaaagta gcctccttca aacgccgaaa tagagtttta 180
tgactgtcaa tcaacgtcta cggatatatt agcccttatt ttgaaaatac acctgactac 240

tccatagttt ccccttaact tcagtcatac catgggtcat ggaatttaga ttgtgtgttc 300
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 ctattttggga cctcgtcatt ctatggattt tggataatta agcagacata cgaggtaactt 420
 tcgatgcatg gaagtattcc agagtactac ccacattttg acagcaagca ccgaaggctg 480
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 agcacacgac gactgtctgg ataactcagta cgccttaac cagacggtct ccagacgata 600
 gcgtcggatac taatcagcgt agtcaattat ctaccggggt tgagctggcc ttctcgcatac 660
 ttgggcccag tcgcgctgca atttccaatc aaagtaccac caaagtacga acttctctac 720
 ggtatgggat gatagctttg actgaaaccg aatcggggag tcgctgcata cctccctgct 780
 agcatgactc tatgccgaag ccttgtcttc tctggcaaca ccgccgataa aactaccact 840
 catccttctc tgtgcccggc gccctcccct ctattttccc atctttgtca acccccctc 900
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<210> 6562
 <211> 1562
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6562

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 tgggtgtggag agagatggat gtagggagat aaggagaagg tggagattag gagcgtataa 180
 gaaagtagga gtagaagaaa gaagagaatg ggaatgtaga taagaatgta gagttgtgga 240
 atgaggtagg ggatagtaat ttgtagagtg gaaggaggta tgtagggat gggcaaagtg 300
 ggataatggg agaagtgtga ttgtagtggg gaagggaaag atagtgggga gaatagagag 360
 aaaatgtaat taagaggaag atggtgatgg aaggtaataa tggaaataga atagatgatt 420
 gtgtgatgat aaggacaata gtagaagtag tggcaaatga gtgaagggga tattaaagta 480
 gatataaaga taaaaaaggg agattgagtt agtatgaatg agagagggag aaagtgggtg 540
 actgaatatg aagtggaatg aaagggaaat gatatggaaa tagagagatg gtggctggtt 600

agaatatatt gaaatagggg aagaaagaga gtacagtgtg cagcaggagc gtaagagaca 660
 cgatttaggt tagactcaca tggcggacga gcagggcgtc catcttatag aactcgagac 720
 cgagacatct aactcaggcg actatcttcc aacgagcgta ccgcgaagcg caaggtgagt 780
 cttcagttga tccatctggt ggtgggaatg atgattatcc tcctcgttaa gccgaagaga 840
 catgaatcat ctgaacctgc gccgcctcct tcccaaccag aaaatctacc gcctggccta 900
 cggccgcgag gttttgaaat agcatatagg cgtccaaggt caccttcatt gacgcgagtt 960
 gcaagcagcg agtgggttga tcctgatata tatcgataat tatttgtttt ctagagatac 1020
 catgaataat agccctgaga atatcactct taatcgatga accgagctgg gacgcttttt 1080
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 ttcagttaat ttcacgatat cagcatatgc taaaagctaa gctcgaatca aaaatcataa 1260
 tgatatcaag ttcgagagac gacgctgtga taaggcaagc agagaaggaa ttacagggtt 1320
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 gtagctccgc tacatccgca tccagatcac cacctgcgaa cttggcatag tcctcttcac 1500
 tgtgagtcac ttttctcttc ttagcttgaa atncgttcat gctttcctgc tggagtcacc 1560
 at 1562

<210> 6563
 <211> 422
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6563
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 gcctagtoga tattgcttat ccttgttctc gaacctcgac taacgttctc ccctcgtatt 180
 atgtttgaca cttgggattt tctcgagata atagactgaa acgcaaagct gagactagcg 240
 agtcctgtt tctttcctgt ttattttctc gaatcatggc acaataatac cggcaataag 300
 agcgacacaa ttatagtggc ttacatgtc gatgaaagac gcacattcaa tacactcatg 360

ccataccaca gttacgtaca acgaagtget ctgctagcgc agtgtcgcga tagtaaggaa 420
at 422

<210> 6564
<211> 718
<212> DNA
<213> Aspergillus nidulans

<400> 6564

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aaacacatac cactggactg ctctcaaaag aagggggctt ttagcccagc aaaaggcctt 120
aactagtgcc ggccaggctt cctgcctgag cgtgagcact gacatattct tctctccctc 180
atgatgcaag gttctgttca ttccttctga cgatcgcaact caaatagggtg ctccagccat 240
tggtccagcc ccacagtctc cacgaaggcc cgacacacgt tgtggggagt gccaacctg 300
aagtccaagc cgaagcatgc aatttcagtt ccagaaaggc gaatcgcaaa gtcccagctc 360
ttgagtttct ttacattcat ccggacacat cttgtgcccc cgtatctgga ctgggtatca 420
tctaccagc cagtgcacaa gacagagggt gaagagacag gcgtgaagaa gatccctccg 480
caccgcttc cttctgttct acttggatct gtgcatgagc ttgttatagg cctgattgtt 540
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caagtactgc ttccctcca gtccttcga gcatgaagat gtctacacca agcagctaga 660
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<210> 6565
<211> 1262
<212> DNA
<213> Aspergillus nidulans

<400> 6565

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agagggcacc aacaacctaa acaaacatta aaacagtacg aataaaaaaa taaaaagaga 240
gttaacataa aatattaaaa atttgtaatt aataaaggag cccaatttga aagatacaag 300

aatatgttag taaaccaccc cgtgaatagg taagaagcaa gacgccgtaa tacctataaa 360
tatcggaacc caaataagaa aaaccggtac tcttcccaga acacgtatct ccgagtagga 420
aattcttatac aaggctggaa caatctcaca gcggctccgt gacgaagccc ttgtattgac 480
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tccggataat gccaccggca caccatattg ccgagctatt aaatcatcta attataagggt 600
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tacagccac aagccgcaac aaactcttga ccaacttctt ctcagggccg taagtatgcc 780
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<210> 6566
<211> 854
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6566

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ttgaatacag gatgaaaacg cgcctagagg tgggagatga gacggagacg agggcgcagg 300
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acgaaacgga caaaacagta gcggccgggt aacttacgag agtcttaccg ccgcccacac 420
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tactgtagta tcacttattt ctgtataaaa attggctttg attattgcgc actttcgag 540
tgcagttgat gaaggtcagc ttgagcgctt aattaacgga atcctgactc gcgactgaga 600
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gagaatgaca gagtgcctaa gctcacttct atgcaactgt ttcttcagaa gatatagttc 780
ttcatcgggt aataccctac ataccgggat gggtagcgag tactcgtaca aancggacat 840
taccctgatt tacg 854

<210> 6567
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 6567
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tttagggctg gacggtgttg ggattgcgcg aagaatgggg tgatttgagc ttgacgttgg 180
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gcttcccttg tacaccatca ggattgactt gacttgcctt tggtaagccg gctttgctat 300
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<210> 6568
<211> 593
<212> DNA
<213> Aspergillus nidulans

<400> 6568
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ctgcaacaac cgagcagcca tcatcgtttc aatcttctgc cctgtccccc agctttgaca 180
agctatcctt cccctcctcc ccccaagatg cttcgttcga tgactccctc cgacgcgaca 240
gtcatgcgaa gtctgaggtc agcgactcgt tcagtcgagg cgtcactagc aacgcaagca 300
gcttcactta caacaacctc cgggactcgg aaatgagcgg tgtgtcccag acctctacca 360
gggcgacgtc gcctgacatt ggaatggccc cgtctctcaa gaacagtgtc agttactcaa 420
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aactgatctt caaggatgaa acgtgatggg tggtagtctt cgggccttgg gtgagaaatt 540
gacggcccac cagtcgacgc ccgacgcgat gttcgtcttg acattctacc tga 593

<210> 6569
<211> 606
<212> DNA
<213> Aspergillus nidulans

<400> 6569
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gtacctttcc gatgggtcca atgagaagat ccaagccgtc atcgaagccg gcattccccg 180
tcgccttgta gagctcttga tgcacgctc cacctctgtt cagacccccg ccttcgttc 240
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tcttctgct cttctctccc tccttagctc aacaaaagat ggtatcagga aagaagcttg 360
ttggaccatt ttcaacatca ctgccggtaa ctccagtcag attcaatctg ttatcgatgc 420
tggtatcatc cccccgcttg tgcattcct tgccaacggt gactttaaga ctgcgagga 480
agcttgctgg gctatatcca atgccacaat ccgggggggtt gagaagcccc accagacccg 540
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aagatc 606

<210> 6570
<211> 714
<212> DNA
<213> Aspergillus nidulans

<400> 6570

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tctacagtgt taggggcgct tgcaaaatcg atccggacca cggggcctcc tgtacactcc 240
ttcagggctg aggaaacgtc aaaggcatac tgtcggaaact ggttggttgg agaggcgata 300
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gactcatatt cttcaagcct gataaatgtt agattggccg atcggtaacg agacggttcc 420
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ttaccaatta cgcctgcatt gagcaagtcc agatgcgctt ggggaaggcag agaaagccgc 660
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<210> 6571

<211> 606

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6571

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gaagaaagaa acanacaacg ccaacgaaga agcccacgaa agcccaacaa aaacaacgac 180
gcaaacacga cgcaccccg cccgacaccg gccaccgcca aggacaacca ccagacgccc 240
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ccaagggccc agacgcaaaa caacaccagg ggccgaagcc cccccaagg aggcacaagc 480
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<210> 6572
<211> 833
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6572

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<210> 6573
<211> 1637
<212> DNA
<213> Aspergillus nidulans

<400> 6573

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gtgtgcaaaa caatataata accaaggttg agatcatgct agaaacgagg gaccgttcta 180

tagagaaccg gtttggatat ttttaagcgac gtgaaagggt ttgaaaaaaa tgagaaagag 240
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aagggtaacg gcgaaaggta gcagccgcgc agcagccggg cccagtcg acctcaagtg 660
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ttctaaacct aactttt 1637

<210> 6574
<211> 742

<212> DNA
<213> Aspergillus nidulans

<400> 6574

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ccaaaggcca tctcataagc ctggagccac ctcacatata aggtagccgc aacccaaagc 180
tggagggtccg ggtttttgcgc gtggtacttg gtgtcgctt ccccgcttt gacgcgagaa 240
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cgaagccggt gatagactct ttgagggtgg actggatctt tacgatctct tcatagtgat 480
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tttcaaactc gctttgatcg agtacgtgtt tacgaatgta gagagaaaaa ggaatattag 600
tatttgggtc gtgtgaagct catgcaagag gtaaccggac aagaaaatgc tcgcgagtca 660
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cgggacccaa agcccttaaa aa 742

<210> 6575
<211> 708
<212> DNA
<213> Aspergillus nidulans

<400> 6575

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tgggtgcggca ggctttaaat ttttattgca aacagggtcaa acactccttg ataacagcag 180
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<210> 6576
<211> 559
<212> DNA
<213> *Aspergillus nidulans*

<400> 6576

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agtctgtgta agaaaaaaca aggtgagggc tattggttac aggttatatt gagcaacttt 180
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gtagaaatag ctttggaact gaaaaagacg gaggagggtg ccgttagtct cgtttgaatg 480
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gatatcaata taccctcac 559

<210> 6577
<211> 1081
<212> DNA
<213> *Aspergillus nidulans*

<400> 6577

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caggaccgcc cacgggtacc actgatgtga gcgaggctgt ggaggccccc attagactag 180
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 tgaaccaaaa agttgtatct ctggccctcg atctgtccac tccagtgttt cgttctcttg 480
 tctaactagt ggtccaagag cgcctcgggt gggggagccg ctagttcgag ctcggttagc 540
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<210> 6578
 <211> 651
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6578

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agagaacaaa acgattcagc acttttccttt cgcttaccac tatctcgccta actattggcg 540
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cgctgatgac ccttacagtc gacgccactg atcaacctca gtactctgac g 651

<210> 6579
<211> 985
<212> DNA
<213> *Aspergillus nidulans*

<400> 6579

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aaccgggtca ctgtggaatt cgtcggaaag aagatgcgcg ccgcggcaga cgatcagacc 180
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<210> 6580
<211> 721
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6580

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cagcagaaaaa caacggaacc agggcgcagc taaaaacgaa cccgactcaa gcagaccaca  240
cagaacacccc gaccaaagac ccagcgggac caccaaacag cgacaaaccg cacaacaac   300
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aaacgcacag gcgcgggcaa ggcccaccgc accaaacacc aaccaaaaaa agcggcaaaa  420
aggcaacagg gcaaagaccc aaacgacaaa aagacacgaa cgacagccgc gacagacgaa  480
caacctacac aacaaaggca agggcaagac caagcccaa cccacaaaa atgaagaaaa  540
accacccaac acacaccgaa aaagaacgag agaagacca accaacaatg gccgagaaag  600
gaccacaccc acaaggacag gccaccgcca aaaaaacacg gcagatccac aaaaaccacc  660
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<210> 6581
<211> 387
<212> DNA
<213> *Aspergillus nidulans*
<400> 6581

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aacgtcctcg gaaggcatac acttgcgcgc gtacatctgc catgtatcct ttttcagtga  180
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<210> 6582
<211> 835

<212> DNA
 <213> Aspergillus nidulans

<400> 6582

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<210> 6583
 <211> 595
 <212> DNA
 <213> Aspergillus nidulans

<400> 6583

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 ggcatgatgc accctgtgaa atagtacaac gagcacgttg ccaagatggc ctccgcgtac 540
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<210> 6584
 <211> 514
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6584

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<210> 6585
 <211> 919
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6585

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 cagagtgagg cagcgctaaa gagtaatatc gagcttggtg aaccgtgggt gagggatcta 240
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 gttaatcaat attccccctt gttagcatat acaggattat tcctcagctt tagattttat 360

ccaattatatt tttgattggt tcacctctat tattgctctt actatttata taatatctct 420
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<210> 6586
 <211> 546
 <212> DNA
 <213> Aspergillus nidulans

<400> 6586
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<210> 6587
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 <213> Aspergillus nidulans

<400> 6587

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<210> 6588

<211> 488

<212> DNA

<213> *Aspergillus nidulans*

<400> 6588

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ccagaaaaga aaaaaaagaa aaggaacagg aatcaactcc aactccacag ctgtaatttc 420
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<212> DNA
<213> Aspergillus nidulans

<400> 6589

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<210> 6590
<211> 665
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6590

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<210> 6591
 <211> 1335
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6593
<211> 449
<212> DNA
<213> *Aspergillus nidulans*

<400> 6593

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<210> 6594
<211> 1144
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6594

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6595

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6596

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 aagttatgtt taacgtcgtc acgtgtcacg agacaacttg gtggctaata cctggagggg 240
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<210> 6597
 <211> 1106
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6597

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<210> 6599
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<212> DNA
<213> Aspergillus nidulans

<400> 6599

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<210> 6600
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<212> DNA
<213> Aspergillus nidulans

<400> 6600

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<210> 6601
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<212> DNA
<213> Aspergillus nidulans

<400> 6601

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<210> 6602
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6602

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<210> 6603
 <211> 763
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 <213> Aspergillus nidulans

<400> 6603

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<210> 6604
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 <213> *Aspergillus nidulans*
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<210> 6605
 <211> 813
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6605

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 agctattgta cattcaacga cggcggttga ttattttact aagagataat tggagtgtc 180
 tgggtatgcc gacaatgaaa tggcgattcg tcggtgccac aatctatcca ccgctgtga 240
 tgctaaatga acaatagccg ttagttaaag ttaatatagc gagtcaaggg ggcgcactga 300
 cggttcccg gatatctcca caggtgagat agtgtcgtca ccgaagctac tttcgcgag 360

agcgggtcttg tgtccgctat tggagccact gccctcgctt ttttcttcct catctccaca 420
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 gggaagccga gtggccaaca tggcaactta cattgggtgag gcccacaaagg tgatgttaat 660
 gagcgctttg ttgtctcatg gacttaggta acacaacagg tggaagactt cagttgcgac 720
 aatcgcttgt ttaggtaatt ttaccagca atgttttatt tgtgtattct aaaaggtaac 780
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<210> 6606
 <211> 554
 <212> DNA
 <213> Aspergillus nidulans

<400> 6606
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 gaggtatcaa accacattca tgacaatgga cagaccaacc aagatctgaa aaaggactaa 180
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 cctcccgaaa tctctcaaac atatagcata aataagtgac aaacaaaaac ttggctgtaa 420
 ctgtttgttc caagacgcac acaatttaac tccagactag aatgctgaca cagcaacatt 480
 ttaacacgaa acggaagatc agtcaataag aacctgttc actacgatgc accatacata 540
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<210> 6607
 <211> 477
 <212> DNA
 <213> Aspergillus nidulans

<400> 6607
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 ttctgtcttc gaattgaagc gggaaatcat caatcaaagt agattgggtg acgggactga 180
 cttcgagcta tctatttata atgaagatac tgggtgaaggt aagtaagatg cttgcagta 240
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 tagtgtcata ccgcgctcta cttccgttat tgcacgacgg cttccagcat cacgaccagg 360
 caaggggtggg gctgctcgct atgtgtctgg caagatgcca gtgaatgccc gcagtgtgcc 420
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<210> 6608
 <211> 475
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6608
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 gcagctggat gccggcagca cagtatcgcg gtttcagttg acacttttct ttcaagccct 180
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 gtagtcccag catcaatagt agagagcagc cgtccatata tatcagtggc tgggagggat 300
 cctcctacga agttgtctta tcacaatcat ccaagttaat caatatcgaa ccaggggtca 360
 catccaacat accggggggc atattccggt tgtttccgga gctacatgac acgggcgaca 420
 gggcagcaag gccaccaagg acagtctact ttcgtgtcga tggaacagaa aacct 475

<210> 6609
 <211> 831
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6609
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<210> 6610
<211> 391
<212> DNA
<213> *Aspergillus nidulans*

<400> 6610
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gcggccgagg ggcgggtccc aaatgactcc acaatcgaca caatttgtct aatatgaccc 180
tccctttatt tcatacaagc tagggacaaa tcccttcaat tctcaactgc tgactttgac 240
acactcgctc aatgatacca ccttgaccgg acctgagcga gctgacgtga ttcgtgacct 300
cggcatggac ctcattggctg gctatagcat aacgcgtgga tcagatctat ggaaccgctt 360
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<210> 6611
<211> 932
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6611

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 ataccaata cgctagcaca gacgggagct tatggctttc cttatggaaa caagaaaata 180
 gaaatccaaa accagccaat gcaactgtact cgcctatcca tcggcaagaa tctgtacat 240
 ctgattgtgc tcatccctcc tatttggtga acatatctac tccaagttag gttctgatct 300
 ggctagatct agagctcaaa cgggaaatac caatcagtat tctgcccgt gtccatcagc 360
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 tagcgtggat ctctcgtaag aatccacaat cggcctctcc cagaccaa at cgccttcaag 480
 cggtttcacc atcttggtcc gcttgacgac cttccagtag ctaa atgtca taaaagcgaa 540
 gatcaccatc gtatagtttg taaagaaact cgagacatcc caggggcaga aactgccgta 600
 cccaaaaaat aga atgatga gtccttcacc gacgacccca gccacgccg catatggttg 660
 gaagcgccng tagtaagggg aggccgtacg atcgacgccc tgtgccttgc aagcgcncta 720
 gaagagacgt acctgacggc ccatgttaag aattgatcag cctccagtg ttagggtttc 780
 ggagccagtt aagccctggc tcaggcgtct ccagttgaag tggagagagc caaagaatcg 840
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<210> 6612
 <211> 421
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6612

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 gatatggaac taccgatga gctcctggc atttgacaga caacagaaaa ttgccaaccg 180
 aagccccggg cagcgaacgc atataagcac tgaaaccgaa aacagacagc aaaactgtac 240
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 aagatagaaa acgcatcgga gcaggaatca aaactcccc tgaaggggat gaacagcagt 360
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<210> 6613
 <211> 620
 <212> DNA
 <213> Aspergillus nidulans

<400> 6613

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gggccgaagc ttcgagggag aagagagcct tcctgagctt gacaaggccc ttggcaattc  180
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<210> 6614
 <211> 749
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6614

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tgaatccgct ctatcaagtc ttttcgtgcc tgtacttgag cttccttccc cgctgttctt  180
ccatataacc tttttacgcg ccagtccttc tgggacaacc tgctaaccgg ttatcatgcc  240
tccgctacca ggagaggagc tagtgctaac cacgtaagtc tactaattac cccgcaaacc  300
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gcactcaaag gaagaccagg atcgaagtag ccaataaacc ctggcacccc ctgatcagga  480
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tgcctttaac ggaggtatag gttgcagggt ggcttggacc tagactagtc tgaagctgac 540
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 tgcaccataa cccgtcgacg ggcataccac aagcacaggg gggggtatta catttcccc 660
 cccaccaggt agggcaaacc cgtccaatgg gaaggtgccc accatgaacc cgcgggagat 720
 gcttcagcgc tgacactttc acattactt 749

<210> 6615
 <211> 572
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6615

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 acctttcttt gctgcgggga tactcgagct cgtacgagag agtggggcag aagatgaagt 180
 cgacgtagtt gtagagcgta aggttctggg gatacgtaac attgcccatt ggcgaagtta 240
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<210> 6616
 <211> 945
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6616

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<210> 6617
 <211> 671
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6617
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671

<210> 6618
<211> 968
<212> DNA
<213> Aspergillus nidulans

<400> 6618

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<210> 6619
<211> 549
<212> DNA
<213> Aspergillus nidulans

<400> 6619

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<210> 6620
 <211> 1285
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6620

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<210> 6621
 <211> 441
 <212> DNA
 <213> Aspergillus nidulans

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 gcagatgttt gcagggctaa cgccatcata tttgatgaca ctgactgtcc tgaacgatgg 360
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<210> 6622
 <211> 827
 <212> DNA
 <213> Aspergillus nidulans

<400> 6622
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gcgaatattt atattcaaaa tcaccagatg gaaagaataa cgtagaagag gtcttttgag 240
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tctaattgggc tgttaaacta ttctaagggt atgccgcaag ggtcttcttt agcaataata 660
cttaactcac ccccgcgga aaaatggggc gggtttctgc tggcgccct aacttttaaa 720
cttgtgcgt taagctctag ccactcgaa ttacatggac ccctgtaaat attcaaattt 780
ggatagccgc ccccgggcg cttacttcca aggcactctg aagtttt 827

<210> 6623
<211> 595
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6623

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cgcattgtga taaatctccc gtggccctgt gatctgctct gcagctggct ctgactctgg 240
ctcctctcga gtctctggc tggcttgga aaatgctcgt ggatgtggat atagacgggg 300
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gaaggagaga gagaggtcga gtttcgccgt cggacgagcc cgcgcaccgn accaacgatc 480
ttntcttcac ccaacagggc ctgngcagt gcttgagttg gaacaaggca ccatcgacgc 540
ttgcactgat tgtggtaccg gcgccgaaaa ctgattcttt aactagtat ctgga 595

<210> 6624

<211> 710
 <212> DNA
 <213> Aspergillus nidulans

<400> 6624

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ccttgaatgt aatggcagaa cgaagtctta tatttcccaa gcttattttc tctcattcct 180
gtcttgatct atccatgcta taacaaggca ccaacaaggc ccatatgtca tccctctgag 240
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gtaatataat actactcaaa agccattctt gtgaaagaat tcagtaggat agagatgtcg 420
ctattattaa atttgcgatt gatagcgttg accattcgag caaaattttt gaagcttaaa 480
aactttgcat cgctaattga ggtccatctg tcctgggtcc gtagcccagg gtgcagctcc 540
tatagctcta gatctatcag tttctgtatc gacttttgca catttttctt cgattttcag 600
ccgccctttg gttagatatt caccaaaata acattttgga cggtcattctt cgcgtagtcc 660
gatctttccg tcgactacac tcgggatctt ccattcatta tgaattcttt 710
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<210> 6625
 <211> 469
 <212> DNA
 <213> Aspergillus nidulans

<400> 6625

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gaaagggatt ggatgatcta acaatgcttg tgtcactgtg gacggtgcaa ccgacggatt 180
gttgcggtgc acagtaagga tagacacctg taatgcgctg atagctaagc acagtttcag 240
gaagctagac atgactaatt gacaggcctt tatttttgta gacgtaatgg tgaggggttag 300
gttaatgcgg ttctgcacgg acgtctgcgg taatcgtggt acaagggggc ttgacctgct 360
cgtggtggtg ctagegacaa taattgggta cttggagata catgggccaa ttgtgcgggc 420
tggtttaggt atatatatct tagctaagac tggacagcag aattgtggt 469
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<210> 6626
 <211> 622
 <212> DNA
 <213> Aspergillus nidulans

<400> 6626

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 agacggttcg agacactact gcgcgtgacc accacacagt tgattatatg atagaggaat 180
 aataatgaaa gaagaagtgg aggggcaaga ccgcaggagt gagtgggtaa gagggacggc 240
 agcagccagc tttccgcttc aatgagaata gccgaacaa gcttgcgagt cgcgacgacc 300
 ctgagtacgg ttatcgacag ggggtaacta tccaggagga accaagtcca gagcgttcag 360
 aggaatgtta ggagaagaag aaaatatata ttttaggcgt caaaattgga tgagttagta 420
 aaccgagttc acggaccatt caatgaaaga ggcccaggca cagttaagcg cggagcaaag 480
 aggagccgtg ggcgtgaaga gaagctagca tgagggtagg cttctgactg atagacgtgg 540
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 gtttttgaaa aacctcacc tc 622

<210> 6627
 <211> 824
 <212> DNA
 <213> Aspergillus nidulans

<400> 6627

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 ccttgacaaa acattccttc gcggaattcg gaagactgat gaagatggtg tcgccggggtt 180
 caagactgtc tttcctggcc actactccgg ccgcacaacg caggttcacg tcgttgctca 240
 cctcaatgca acacttctgc ctaacaatac tcttacgggt ggatacgttc cccacattgg 300
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 caacaccgta gcgatcactg agaatgcaaa cgaccacgtt gttatagtcg agactgaaga 420
 tagcaattcc gaccggttct tccaatattc tctgcttggg gactccattg aagatggcat 480

tttcgttgg gttactctag gagtcaactc ttccgtagc cagactcaa ctgtttctta 540
 tgccgccact ctgatctctg atggagggtg ctcaatatca aatgccggct cgggtgtttc 600
 tttctgaatg cacacagatc aattaactga tatgtgtgaa tgttggtcag ctttgcaagc 660
 gtctcgtttt gtggatttgg ttcactttgt tgctctatac tgaggctgtt tcataagctg 720
 acattacttc aattccacct atttcttttg agaaaaacca taattatcct gattgaagat 780
 accccaaaac aaaatacgct ccttaccggt tcatcgatag acac 824

<210> 6628
 <211> 635
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6628
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 agtttggcga agccaaggac tacgcgggca aagatataaa tcacgatctg acgacgttag 120
 catagcgttc tccgatactc gtgatcattg aattgcaacg aacctgttgc gtgatgctgg 180
 acttgtgccg gccgaaaacc gcgtagcctc ccagcagtcg tgcaaggaaa ctatcgtaat 240
 gcccctcctt cccgacacca gcgggggttg gattgcgcaa gacaatcata gagctcttgt 300
 atataaagca aaagacggcg aggttacggg catgttggcg ggtcgcgttg agaacgagct 360
 tgactttctc gcgaatactg catgacgtag gtatgtcagt tgatgtcgcg cgcccgtaag 420
 agaagatgga gagaagatgg agatctgggt tgagtagtgt cgatccgggg agtcttacgt 480
 tccggatcga aaaagaaaaa tcattctata acagaaatct tattagcata ctatccgtga 540
 gggaataacct ggaggggttg tcacatacac caaggctgcc ggaaccggcc ttggcgccgt 600
 attctgcgcc attgctaata ccctttaatg gtaca 635

<210> 6629
 <211> 534
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6629
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 tggctgacag cagcatcga gccaggagcg aggacttgag gttcgcattt gtctagcata 120

gtccgaccat tataacttaat ggaggggatc ggaaccacag ttcattgacaa aggacagacc 180
aaccaggacc gggaaaagg ctaagatcga tgcctacttt gaagacaaca gactgaacca 240
aagggatatt tttgtctaac cgaactcgca tattggagca atggaatgta gctatacacg 300
acaccaagtg ccagataagc acgaatcata cactgcctag gcacgggata atcgaggacg 360
agacatatga agtgggtact cctgctctct gaattgtttc aagacataga gcataaagag 420
ggtgcagaca gaaaacttgg ctgtgactgt gggctccaag actcactgga ttgaactcca 480
gactgagaat gggagagaat aacattataa cacgaaacgc aagatcagtc aaga 534

<210> 6630
<211> 655
<212> DNA
<213> Aspergillus nidulans

<400> 6630

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cttttcaatg agcttctcga ggcgctcgtc gtcggcgctca acaccgacgg aagagagaac 120
ctccttgatg tcggaggcgg agggagactc gttgccagca agggcgagga ggaggtaggc 180
tgcgaggtgc ttcattttga actatagcac aaaatccgat cagtcgctaa tctcagtgtc 240
agccgtcaat tgaggaaatc acatactggt tgatttaact atcgaacaag agaatcaatc 300
gatttaaccg caagttgggc ggagactgaa acgtcgagtt cgggttgggt tgatgtcgtg 360
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tcttctgagg gcctgaaact cactctgcac cagcaaaagt ttggcatcac gtaccttgat 600
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<210> 6631
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 6631

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 gtgactgtga cccaaggct cctctcatgc tttacgtctc taagatgggt cccacctccg 180
 ataagggacg tttctacgcc ttcggtcgtg tctacgccgg tactgtcaag tctgggtctca 240
 aggtccgcat ccagggtccc aactacacc ctggcaagaa ggacgacctt ttcacatcaagg 300
 ccattcagcg taccattctc atgatgggtc gtttcgtcga gacaataaag gatgttcccc 360
 ccggtaacat cgtcgggtctc gttgggtgctg accagttctg ctcaagtccg gtaccc 416

<210> 6632
 <211> 592
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6632

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 aggagcgacc gtcctacgtg tcggatctct cgtagttccg gaggtcctcc gttagccggg 120
 cagagactgc tccagccatg ctgattttaa gacagcccat caggcagggg agaattatct 180
 cgaaacttgc actagaatcg gttctgtgat cacacagcac ctgcgagcta taccatatac 240
 agcaggccct gaagaacca aacaacactg ttgctacccc catccctacc cagcccgcga 300
 tttggcgctc aggtactaga aactgcaga tcagacctca tcgtactggc aacagaccat 360
 gcagaccctg gccgcgtcta tagcaaggca atataaccag ccactccacg agcaggtggg 420
 tgcaggaaag gcgacggcgt atatggtaaa atgtcctagt actttacagt ccggcattta 480
 taagctaaag tttgacagta cctctgtgca ctctgttggt aactaatggg atgcagaacg 540
 cttactagta cacggcgctc gtaatccatc ttcgggttgg cctctaactt tt 592

<210> 6633
 <211> 867
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6633

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 ctcgtcacac gtttatgaac cagatccct tcccctcatc cgaggtcaga acgaccggaa 180

gaggaagttg cgatggcctc gcagtgggtc cttattttct ttttccttcc catttatctg 240
 aatcgacctc tcacattcac attccatggc catttgtctg cccacttggc ttccaaatta 300
 ttgtacccgc aggaattaat gcgggaacaa tattatgatt agatagagtg agaaccagcc 360
 agcaaaccct tgaacaaaga cgacaatacc ctttcagact ccctcggtcg gaatctgagg 420
 gaatctgagg ctgtcaggct agagccttga ggaccgtgct aggctctgca gtcacgagcc 480
 aactgtgcat tgccaggctc gatcttcgcg actagactgt tgatctcagg gtccaaacat 540
 caagctgggg aagcttcgct agttctcatt ccgcttcccg agaagcttct tcaggcgaag 600
 acactctgca gtgtaattct ataatactaa acacgagcga ctcgagagaac ccgtcggacc 660
 agttaaacc c aacccttttg tgctgagcct gctgatgatg ttacccttac tgtgttttga 720
 actccccatt ttccaatac ctgagtttat atgataccac cctaaccgtg tcttaacagg 780
 ttttaccxaa cactaggcaa tgcggtgttt tttttttctt tttttttata aaaaaaatt 840
 tgtggttgtt tataaaaaaa aaaaaaa 867

<210> 6634
 <211> 911
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6634

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 aacctggccg ggctataag gctgtgactt cgagaccggt ctgcaagagc taacagtagt 120
 atttgccaat gccgcgattt tagccagaaa tggatgcagg ccatacatga aaacctttca 180
 ggacggtcag tgatgctgcg cgacatcgga cagcccggat aatatatatt tgaaagacct 240
 aacagactaa ccgtgccagt taacagagtg ggcggttggc gccgcaaaa cgagcctcgc 300
 caattctgaa ccagtcttat cgccattgtc ccagccaaag gcgcagtctt cagccttcaa 360
 taaaggccct cgcagtccta accggagatt tatgaactct tttattccat ctggcaccgg 420
 cactataatc ccttcctttc cttttctccc tctccctcgc cccttccctt ctttccttct 480
 tctccgcttc tacctctact tcaaatacatt tttcccatat ccctttaaac ctcccttgtc 540
 aactcatcaa cgattaaaac cttttcccat ggaccccaa gcgcgtaccg gcttcggytt 600
 gtcttctacc cccgataata cccggcaacc gccacggcac ggaggccgc tgggccttct 660

agtcagagtg cctgcctatc agaatcgcag agatgtcgag ctgctcttga aagtcacaaa 720
 tcccgccttaa ccggacttgt cgaggggaaa aggaggaagg gagagggcac tatgatgtac 780
 cgtgcgattg gttttgcacc tcaacctttg tcaagctgaa aagggcgggg gcgtaaacad 840
 tacaagggtg ggttnggaat ttggttcttt tttttatttc cccaccccca aacaatatat 900
 atataatttt c 911

<210> 6635
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 6635

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 cgtgtttgtg acccgcccta gccgccagtg cgtattgtgc cgcgcgtact actgcgatct 180
 ccaactccac aacgtcgaca tcgacgcgat acctccagat gtacaatatg gccacggatg 240
 ctaccaccgg aatcaaggca atgcaaggac aatgggagga catttccgtc tatagattcg 300
 agattcgcga gcacatgatt atggcattcg aggggtgcttc gtgcagcatc tcggatgtca 360
 atggccagca ccaagctagt ttgcgcgagca aggatgcgct ggtacttcgg gaggttcgac 420
 ctggggataa gtgttatgtc cagaggggtc gtgtaagttg cagaaatttg aagg 474

<210> 6636
 <211> 604
 <212> DNA
 <213> Aspergillus nidulans

<400> 6636

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 caattaaaca atcaatacca cctaatacaca gccatcaaaa cctactatta accaaacatc 180
 aaaggaaaac attacctatc tcataaacgc caaaaaacta tcacaaaagc ctattatttc 240
 ctaccaacta ataacaaaac gcttataaca ccataaatta attctaakat taaccaaata 300
 actccaaaaa aacataacct aaacaatttc caccacaaat acataaatat aaacaaatat 360

tctctatcta accaaactct caaactacta taacccaatt ataatcataa caataccccc 420
 ataaccaaac taaactaaat tattacctca acctaaacta caaatttaat gtatacatat 480
 aaatactatt aacaaaccct ttaatacatt cataaaaaaa ataccaaac tccaaaaaac 540
 tttttaaaat aaataatact acacacacta ctaccatacc ctcttagaaa aatatcacca 600
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<210> 6637
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 6637

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 gectgccgat cttcatatgg tctcttgect tctgctgcac tgaactccca aagctgttcc 120
 ccggccccgtc gttggggctg gcctacctgg caattaccaa agccctgtta taggaattcg 180
 cgctttttct ccagtccatt ttgtgcatcc gatggagcac ggagctctga tatgcataat 240
 atactgtcag tatcaaggac tgacagcatc tgtgcgcttg attgccctaa cgacctctgg 300
 aactctcgag gtgttgacac tgcactgaaa ggattgcatt gatattctca tacatgc 357

<210> 6638
 <211> 984
 <212> DNA
 <213> Aspergillus nidulans

<400> 6638

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 ataaagaaaa ccaaagaaat tagaagaaag agaattattag aaaaaaaact caaatatata 180
 aaattagagg gagacaagat ttaactaaa accaactatg aaagattaaa tgataaacac 240
 acagttacgt atcgaatgac aagaaaaaaa aaaggtacca aacaaaaaag taataaaacc 300
 atacaggcac tggcagctaa agaacaagat tacagaaaaa cacagggtac gagtgtaaaa 360
 ggaaacgagc aaaataatag aaaacagggc aaaaagacga aggtatatat atactgtaaa 420
 aagacgcata ctacaataga aagaggttta caaaagcggg tcaaggatta gaaaaggatc 480

tgggtattggg aacaataaat cgatcaattc atagaaagta tataatgcgt ataaaataaa 540
 tcaagcatag gaaaaaaaca aggaatggaa ttcacaagtg taaaaccaca ttggcaaagg 600
 gacaagggca gtgggtggat caagatcaca cctgaacctg gtgatctcga gcacagtaca 660
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 caaaggacta gcgcaagcag ctgtatatag cttccaccaa atacactgat ccgagggttag 780
 ctggctgtga aagtcatatg gtgggacggg aaggagaaca gctggaagtg gtgggtgaact 840
 gccgcttcgg ccggaggagc ggaagtgtgg ccttcagcag aagcgagcgg gcggaggact 900
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 aataaatggg tgggattgga gagg 984

<210> 6639
 <211> 563
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6639

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 angagcaann angaaccacg ccaccggaan acnacggccc acncccgac ggaccccgng 180
 cgnnccgacc anncagcgng cnacaacaca gcncggccga agggaccgga ggcgcccaan 240
 ccggcgacaa cggggcacga acggagaaac gcgaccaaca agcgaaggag ccannnacnc 300
 gngaaaccaa anncaagagg agagagnann anncannggc ngggcaaaan ncnnaannaca 360
 naacagagnc gggaagggga nancannacg aaaaaanaca gncaaancag aagaangcnc 420
 cncgacacac gncgcccggc cccacacagc ancggccaca gccccacng g 480
 ggagggccgg gccggcccca aaaggaaaga agcccccgng aagga aaagccgcc 540
 cgcacgccac ccgagccgaa aag 563

<210> 6640
 <211> 546
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6640

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cgtagagccc ggaggggtatc tggcatcaca tacgctgcag gtgaccgctg gctagcgctt 180
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caggctgaga cataccagaa catgtgacga cctggcgaca cgaccataca gaaaaatgaa 300
gagacactca tcgctatcgt ccggatacac acagccaacc tcaataactg aaatgagcac 360
aaatcgttga tccgaagcga atgatacaca gaccgctcag cagtgtgcga ccttgcatag 420
aaccgcatgg ccgatgacca tacagcagac cgatcgccga cgctgaata cgagactgca 480
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atagtg 546

<210> 6641
<211> 836
<212> DNA
<213> *Aspergillus nidulans*
<400> 6641

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cagagtaagc agatagcagt gaggtaagga ggaaaggtag tgtagaagag aagagagctg 180
agggtcgaga acagagaata tataccagta tagtccctga agtgggtgac taggagtaaa 240
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gattgtcttg gcgctctttg ctccgagcca accttcaacc agccctcgc tcttgacctc 360
ctaatacttc tgcaggtcga aacttgggag attgaccgga tggagtccta ttctacttc 420
gctatttagc ccaagttttt acttttgcgt tcttagaaca cctgtattgc ccatacttc 480
ttcggtaactt tctcgtggct ctgtgatgcc aagggaacca ttttcgccct tttcaattcc 540
agtttttaaaa taaggttttt acacccttc tgaatgacta ccttagtctg tgttctatat 600
ctgaactctg tctacactt tcttggatc gaattcttag tctcttttg ctgattccac 660
ggtccctttt tgcgacctc ctacttaat ttccacgggg tttctcccc ttaaatttt 720

tattcttggtg taatttattt tccatttatt taatttcggt ttatatgccc cattcattca 780
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<210> 6642
<211> 482
<212> DNA
<213> *Aspergillus nidulans*

<400> 6642
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gcatgcgccc aggccatgcc agcggagcct catgctctgt cttggccaga gagcgtttat 180
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gtgactactt gaagagtccg acctaacaca tggacggagt actagggtgtg ggcatatcat 420
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<210> 6643
<211> 567
<212> DNA
<213> *Aspergillus nidulans*

<400> 6643
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ctgacttttag atagtgtcgg gtcacagct caaatactgt agccctaaac actgaatgtg 180
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ccatgcgaca taaagcggcc ttagtgtcta tggtcggctc tagtatattg tagcatcctg 300
caatcaagaa acaaacagct agaacaaaga taccaagaga ctttcaaact aataggagta 360
tatcagtcca aaataacagc atcatagatt gcctttattt tcttttcttt tcttttttta 420
ttttcaaat ttcgggggtg aggctcaggc gacatgccct tcatagaccg taagactaca 480

aggagttcag ggggtgccct gccaacgctc agtgccgctc gcaccaacaa ttcccttcac 540
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<210> 6644
<211> 669
<212> DNA
<213> *Aspergillus nidulans*

<400> 6644

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attcacatat gttataccat tcatatcaag ctgccttacc tcttaaatgg agtgctattg 600
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gtagactga 669

<210> 6645
<211> 1108
<212> DNA
<213> *Aspergillus nidulans*

<400> 6645

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gcatcactgt ctccagggag tatcgacccg cttgcagttc gctcaagatt ccagatacta 360
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<210> 6646
 <211> 585
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6646

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 agtaggcgcc caactgaaac ctgaccccaa accaactgct tattgcataa ctcatccacc 180
 gccatgattg caccgccagt attattgatg gacctgccac ttccatatcg ataggaatgt 240
 gacctgacac cctggctatc tctgtcaccg tgagctcatc taagatccct cccctcaaga 300
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 gccgtcgccc acaatgcacg ggtaactctga ctacagacat acttaccggt gtgtctactc 420
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585

<210> 6647
<211> 680
<212> DNA
<213> Aspergillus nidulans

<400> 6647

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ccagtaactc cagttgcaca gacggtggct cctttgatga attagttggg tgctttcggc 180
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ggaacattaa gggggcggcc 680

<210> 6648
<211> 241
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6648

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cccagganga gagaacgccc ggccagaaca aaagaacgca nacgcggaac agacacccgn 180
naagaacang acacnccagc caaaanggac ggcnaacca cagncaacan cnggcgacac 240
a 241

<210> 6649
 <211> 569
 <212> DNA
 <213> Aspergillus nidulans

<400> 6649

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ttcgacgtgg actgttcgtg cgctgcgtac gacggaagcc aggtctacct tgcgccgcgt 180
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gcttgagaag ctgcccgaag cttcggatcg tgaagagtac ctggcgcagc gacgcaagga 480
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<210> 6650
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 6650

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gcaggcagtc gctgcattta gccggcagtt ggcacccgtg tttgtttgct gcgcttgcca 300
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caggctcggg ttattgaatc tgataagatc attgcagggc tagacagatt tgggtactcga 420
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acagtagatc agcctgatac aagac

565

<210> 6651
<211> 878
<212> DNA
<213> Aspergillus nidulans

<400> 6651

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aggcccggtgt ttacgtggga gcccgactgg gactagcgtg gtctgctatc gataagctta 180
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ttgtctactc ttcttcgttc atagatctgc cctgtacttc atcctgcatg gtgctcaaac 300
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<210> 6652
<211> 492
<212> DNA
<213> Aspergillus nidulans

<400> 6652

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agaacagaat cgccgcagag cctccgcccc ctgcgccac acctccttcc ctagggctcg 180

agcgggaatt taccagggac tccgagctcg agagagaaga ccctatttgg gacgattatg 240
acggcaagcc cgtaaagtcg aagaaggagg agaccctgt taaagccgtc aaaggattct 300
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<210> 6653
<211> 756
<212> DNA
<213> *Aspergillus nidulans*

<400> 6653
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catcggagta ggttccgata ccattagtag cttgcttata tggcgactcg tcatctactc 180
ttcgcttcag agtattgaga gatgcgatgg ccagggtttg cgcgctcgtg ctaatatatc 240
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gtgttaacgc gtgctctctt tgctcactat cacactcact tatgctatag atctctctta 720
ttacttctgt tgactctctg tgtactcgca tagctg 756

<210> 6654
<211> 471
<212> DNA
<213> *Aspergillus nidulans*

<400> 6654

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 ttttctgac ccactacctc tagacggaat tccttaaaga atacgcactc tttgcagaca 180
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 acagaaccaa gtatactctt gacatcgttg caccaaggct gacattcaat gcaaacatac 360
 ataacttctg atcacgacct aaagatagaa actaccatat tactctacgc tgctctctgc 420
 atcatccatg aagttcgaag acgaacgtgc gtgagacctc tacacacgct g 471

<210> 6655
 <211> 438
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6655

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<210> 6656
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6656

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aaagaaagtg agacgtacgt gttcggaggcg attctgaatc tgttggttga acccgtccaa 240
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 ggcaactggca gcgcgcgagc tggagttgct tgtacgtcca gtacctctgc ccttgggaagc 360
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<210> 6657
 <211> 530
 <212> DNA
 <213> Aspergillus nidulans

<400> 6657

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<210> 6658
 <211> 605
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6658

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 acact 605

<210> 6659
 <211> 530
 <212> DNA
 <213> Aspergillus nidulans

<400> 6659

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<210> 6660
 <211> 1180
 <212> DNA
 <213> Aspergillus nidulans

<400> 6660

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 aggaggttag acaggtcaag atgtggggga gcggaacct tttccagcgg tgatgtggac 240

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<210> 6661
<211> 340
<212> DNA
<213> *Aspergillus nidulans*

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<210> 6662
 <211> 815
 <212> DNA
 <213> Aspergillus nidulans

<400> 6662

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 aatgcctctg ggtcagcagc agaagccacg gccaggttgg tgagtgggtcc gacagcgaca 180
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 ctctgcgccg agtgcgacaa tcgggggatg agcccgcaat gcgtcaaagc cctcaggctt 600
 accgtttctca tggcgccact tcatctccct ctcgaggatg tggaacatgg agacaacatt 660
 gcgtaaacag ctgtatgcca ttagacagggt tgtagtcgcy cgcagtgcaa tccagcctac 720
 ctcttacact cgacatttcc gaacgtcaga gaaactaaca ggacttcaac gtcctctgcc 780
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<210> 6663
 <211> 483
 <212> DNA
 <213> Aspergillus nidulans

<400> 6663

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 gataatcgac tatcacatcc ccgcacatct caatctaata tgcttagcag ttctagccaa 300
 gaagcagagt tcagacgcac attgtgcatg taacctagac cagccaacg ttgatcaacc 360

ttccccctcc tccctccgac ccggtgaccc catctgaaat gggaccgtga gtctacagat 420
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 aca 483

<210> 6664
 <211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 6664

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 caccaagggtg cccatatacg tggaggatgc acgataccta cctccacaaa ctgcgagagt 180
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 actgaggcct catgatacac tgcataagg actcaccaca tctgtttgga agaacgcgcc 360
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<210> 6665
 <211> 618
 <212> DNA
 <213> Aspergillus nidulans

<400> 6665

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attccaaaca atccagggac aaatgttcaa cagctggaaa agaatgtgaa tttctaaaac 540
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 atgtccaaag gggttata 618

<210> 6666
 <211> 623
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6666

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 aaacagatat gcctcaagga aaaaatagcc caacgaaggc tgtacatact gacacaccaa 180
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 ctgaggatga ctgggccac tctaggtagc cttactgctg gatcaaggat ggtgctattc 360
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 atgatagtct tacttgtcaa gaggagcctt ggatgggtca gagaaattca tggctctttaa 480
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 tgattcttta tttttttttt tgc 623

<210> 6667
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6667

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 gattgcgagc gggttgttgt tggatcagca aaggtgggag agagctgaga atgaggggaa 180
 aggaaaaagg actgtgggcg aaggaatcag gttgaaattc ggtgttatgt gtaatggagg 240

tggaaggccg atggagagtg aggttgggta tagtatgttt tctctctgct cctctgaggc 300
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 ataccgacgt tgcacgtaca cgggctcaaa gatgaattcc tggcgtttgg acgcgagcag 420
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 atgccctggg tga 493

<210> 6668
 <211> 529
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6668

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 ccgaacacgc cacctgacag gctttacagc cgatacaggt ggaaacgtcg ataagttttg 180
 cgactttctgc tttgtaatca cgcacctgag aaggcggcgt gatggagtta gttgcggacc 240
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 tgactaagaa cgctttatat tccggcggtt gcgagtttgc atcacgcaca ttcggcggtca 360
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 ccaccgtttc aacctgctga ccatttacat tcagcgggtt cagacgacgc gttacacagc 480
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<210> 6669
 <211> 456
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6669

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 gcctggcttt cattcggagc tcgcacacat gcaccaccta ttctacaaat catttgagac 180
 tctccaaacc aatacacgct ctcgctgtag ttactattcc atgaacacac acccgggtat 240
 aaattattga cacactattc cgaagcatcc caccaaactc tggacgactg catectgaaa 300

cttagcttta caagccaata ttatactatt acacgactgg ggtagcctg cacatgcaac 360
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 taaatcacgg tccacattct cactgcgtta acctga 456

<210> 6670
 <211> 655
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6670

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 gcatgctgct ctccccacga gcgcgtcctt catgcaatcc tgctacctgg ttcggttcct 180
 gaaactagga ttacgaggag tcgcgttctc ggcactctcg cgttctcgta gtattcgtct 240
 gcatagctgc gagcatcgac tatactgctc tgttgatcg tggtgaaagt cctggcgatc 300
 catgggttac cacccaaaag agagcaatgt cggcgctacg gtgtatagct aacgttgacg 360
 cttgacgtcg atctctccca ttcacaccag actgagactg tagaaagtac catttgctgc 420
 gaacgtcaag tatacaatgc aacggacctt ggtagagata actttgatga tccctctaga 480
 accagaatta tccccaggtt aagtaagcaa tacgatcaca tgtaatcttt cgatcagatt 540
 actgttgtag cacggctctgc tagctagtat acggaaagat caagacacag ttccacgagt 600
 agtcgtctgt gacaaggtat taaagggatc aattgcttaa ggtttactca cggtt 655

<210> 6671
 <211> 455
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6671

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 tggtagagac tatgatgctc aattgggtcaa aggtttggcc ttgtggcgtg gaaagtggct 120
 gaaaactacg agctgaatcc agtattatcg ctgcaccggg gcagacttgc attggataca 180
 gagctatatc ttcgggtgct gtgggtagac ggagtatgac gtgagaatcc cgtcaaaatc 240
 ttcaacatat aatgcacgaa ctgacagaaa tacaacttga ctttcttata taccgcctgg 300

caacagttca ggacgcggac tatgttgagg cactaacagg acaaaggcca atgtatccgg 360
agatatcctc tatagatctc cagagactga gaggaaggag cagtgaggcc aaaaagcatg 420
aagggaaaaa gcctagtttg cttgaccatg atttg 455

<210> 6672
<211> 584
<212> DNA
<213> Aspergillus nidulans

<400> 6672

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cttttacaat ctcatgtaaa agatctgtcc actcagttac ttccggcttg ggccatgctc 180
aattccatag atttgttttg aagctttgat gctaaagatt taagggtggc agctttctgct 240
gggggtgatt ggagaacaat attgattgtg tcttgtattt cttcaggcac cttcacatca 300
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agctgtcctg ctgccatctc aagccgtgct agatactcct gtctcaatag aaggagagca 480
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<210> 6673
<211> 651
<212> DNA
<213> Aspergillus nidulans

<400> 6673

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tataccaaaa aatgggtgac tgccccactg gcatactatg agcaagtcca tttgagcgag 180
ccactaagcg tagccctaaa ccaaactcag cagccaagac acatcagctg ctgacaaagc 240
gttctgggca tgatttcata atgggaatca tcaatgcttt ttttattccc ttttcatccg 300
cacgtgcatc tttgttccag ggccagccag actagaagcc gggctggcgt cggttgatcg 360

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 gtccggcagc gcggttgaat tgcgatcggg ctgtcccgtc gtgcgcgaaa tgcttccaca 600
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<210> 6674
 <211> 481
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6674

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 ggggggttctg tatataaatg acggcggagg agagagaatg acgagtcgtg gagtggagag 180
 acaaagcagg caagagcaca aaaagccggt gaggtagaaa gacagtgaca aactgtaccg 240
 gccacccgca gatacgccct tctatagaac gattgagga atggagattc cggcccaaac 300
 tgaatcacga agccgacttt tgaaccttgt gccgttctaa taatcggcgt tgctggcgga 360
 gagatacacg gcgctaattc caataggggc tagcctcaa cacgtgagtg tatacttcga 420
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<210> 6675
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6675

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 tataaccaag tcaccattcc acagtcgttt atttgcggtc tgataagagc cggcaataga 180
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<210> 6676
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<400> 6676

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cccgtatgta tcagccacac cgtttgcaaa taccagcctt cccggtcgca gtcagaatgc 180
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aggctcacia ctgcgtcatg actatagcca tcgcacaaat cctaagaaca tgctattggt 420
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<210> 6677
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans

<400> 6677

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<210> 6678
 <211> 542
 <212> DNA
 <213> Aspergillus nidulans

<400> 6678

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tagacaagac cagagtagaa catagccagc tctggtgagt caaccattac taacaactga 240
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gacaactcat ggctatcatg atatagagcc atgtccacac aatcttctg aactatgtct 300
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aacgactcaa acaaactcta gaaatgccgt gcagcgaaag gcaaaacaac ccagtatagt 420
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ct 542

<210> 6679
<211> 94
<212> DNA
<213> Aspergillus nidulans

<400> 6679
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caagtatttg tctgcggaaa tatatatact gaat 94

<210> 6680
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 6680
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cagcgacttg aaatatgcac agtaaaaata gtgatttgcg agttaaacca gtgcaaagca 180
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cccatctgca ttgtcatgca cgaggaagct caggtggctg gacacatcag acagtatcgc 420
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<210> 6681
<211> 536
<212> DNA

<213> Aspergillus nidulans

<400> 6681

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<210> 6682

<211> 836

<212> DNA

<213> Aspergillus nidulans

<400> 6682

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ttgatctcgt ccaagaaaac ggtctcaatc ttaccctggt gtacaagggt agtgaacgga 780
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<210> 6683
<211> 720
<212> DNA
<213> Aspergillus nidulans

<400> 6683

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tcagtgggtt tttctttcac ctgaaggtgt aa t 480
tgttgttgag ac cctagtt gctttgttcg agcagttgga 540
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cgaggatata gaggggcagt cggggggcgg aatc g 660
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<210> 6684
<211> 424
<212> DNA
<213> Aspergillus nidulans

<400> 6684

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<210> 6685
 <211> 617
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6685

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<210> 6686
 <211> 469
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6686

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agctgacatc aaataatcag tggaagcaaa tacataaccc agttaccaca caagttagtc 360
gacccggaac acagcgagca ttatgaaatg aatgagcata gtgagatgga taaataacaa 420
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<210> 6687
<211> 575
<212> DNA
<213> Aspergillus nidulans

<400> 6687

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cgaagggctc aaacacatac gctgaaaaga gcaggatggc ttcattgatgg tccccctgtca 180
ccccataccg agctgaaagg tcagtgtatgc tggtcaccac gttagtgtgt tgcttgagaa 240
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gtctctctgc aagggtgcgtg ctgcgaatga tgacttttgc ctgagtgtct tcaagcacia 480
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<210> 6688
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6688

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<210> 6689
 <211> 499
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6689
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<210> 6690
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6690

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 aatccgacga acatacctgt ctactggtga gattccgcga tcaactccgg cgggagtttg 180
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<210> 6691
 <211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 6691

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<210> 6692
<211> 496
<212> DNA
<213> Aspergillus nidulans

<400> 6692

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catgcgaacc ggtacatatg gatacagatc attcaagatc aagggggaatc aggtaccgga 420
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cacaggaagt tgtgca 496

<210> 6693
<211> 827
<212> DNA
<213> Aspergillus nidulans

<400> 6693

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<210> 6694
<211> 712
<212> DNA
<213> *Aspergillus nidulans*

<400> 6694

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catccccagt ggccgaagga gaaatagcca cacggcactc aaaatcgccc tcacaagccg 540
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aaatgcgagc gagcttacac aacaaagcta gccatctcaa aatactctcc tcttcaatct 660
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<210> 6695
<211> 107
<212> DNA
<213> *Aspergillus nidulans*

<400> 6695

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107

<210> 6696
<211> 482
<212> DNA
<213> Aspergillus nidulans

<400> 6696

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ca 482

<210> 6697
<211> 567
<212> DNA
<213> Aspergillus nidulans

<400> 6697

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cataggcccc ataccctcca atatcccata caacctatac ctagctcgtc ccttgaagat 180
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567

<210> 6698
<211> 439
<212> DNA
<213> *Aspergillus nidulans*

<400> 6698

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<210> 6699
<211> 840
<212> DNA
<213> *Aspergillus nidulans*

<400> 6699

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<210> 6700
 <211> 558
 <212> DNA
 <213> Aspergillus nidulans

<400> 6700

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 gagtaaaaat aattgaag 558

<210> 6701
 <211> 345
 <212> DNA
 <213> Aspergillus nidulans

<400> 6701

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345

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<211> 704
<212> DNA
<213> Aspergillus nidulans

<400> 6702

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<211> 1073
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6704
<211> 600
<212> DNA
<213> *Aspergillus nidulans*

<400> 6704

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<210> 6705
 <211> 735
 <212> DNA
 <213> Aspergillus nidulans

<400> 6705

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<210> 6706
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6706

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<210> 6707
 <211> 1393
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6707

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<210> 6708
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6708

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<210> 6709
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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6709

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<210> 6710
<211> 1289
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6710

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<210> 6711
 <211> 771
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6711

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 cagaacgtcc agacgcactc ggagaagccc aagatgtcaa cgccctcttc ctctcagga 180
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<210> 6712
 <211> 608
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6712

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agcgacaa 608

<210> 6713

<211> 550

<212> DNA

<213> *Aspergillus nidulans*

<400> 6713

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caacagctgc 550

<210> 6714

<211> 325
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6714

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<210> 6715
 <211> 585
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6715

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 agcgactcga agcgtggcat gcgccagttc taccatgaag agtttgccac gcgtcggatg 540
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<210> 6716
 <211> 532
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 6716

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taaaaagtat ataaagatta tgaccatctt ctataaataa gtagtgacca aactacgtgc 180
cacaagatag ggaaacacgg acaagaccag tctaaagaat ccaaagagg ctggacgggt 240
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<210> 6717

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6717

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aaataaacca gttctaacta cctagttaca aggggggagg ggccccgacct ttatatacacc 180
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gataaggaca acaatgggtg ccagaaggat tccgagggcc agcgcatgtc ctacgagaag 420
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<210> 6718

<211> 819

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6718

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<210> 6719

<211> 759

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6719

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<210> 6720
 <211> 894
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6720

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 aatccaggct cttgaatatg ctgtaactat ttgtaagctc taaatatgaa cacaatcctt 240
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<210> 6721
 <211> 928
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6721

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<210> 6722

<211> 530

<212> DNA

<213> *Aspergillus nidulans*

<400> 6722

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<210> 6723
 <211> 760
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6723

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<210> 6724
 <211> 432
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6724

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gagcgggcat cacgagaaag gagagacgtg ggagcactat catgccggtc gacgacgcac 180
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gaggtcattg ttgagggctc gcactatata taccatgtgc cacaccgagc gaaccttann 300
ttgtcggtag tcaacgcgca gtcgcaacgg acaaaattta agtctctagc tgagaccaga 360
caaccaatga cgcggtagag aactgaatgc tgtctgaaga ggactgtatg ctccagagcg 420
aatgacagtg ag 432

<210> 6725
<211> 398
<212> DNA
<213> Aspergillus nidulans
<400> 6725

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cgacaccaat gatcataagc ccagatgcc tactagcatt gtcttacc aa cgggcgctaa 180
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attccgctgt ggtcggggca ctgctctgca cgctgtctgc gataactggc tgctctaaac 300
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tcactatgga gatactaaaa acatacaaac agtgctcc 398

<210> 6726
<211> 527
<212> DNA
<213> Aspergillus nidulans
<400> 6726

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tgtgggaaag gggcggtatc ccgtacccaa accagacaag ttaaagacag tagtatcctg 180
tctcgtcaga tctcctccc tcggcaattt ttctcggtac atgcaatcg attgttcgaa 240
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gtctgaccta gccactacca taggaaccgc cctatccagc ctcccgccc cagaccaa 360

tcaagatgcc gaacgtatgc aggttctggg tgcaataagc cggctccagg aagcgctgga 420
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<210> 6727
<211> 848
<212> DNA
<213> *Aspergillus nidulans*

<400> 6727

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aggagaggga aagacggggc gatcgagcca aaatagattt ttacgagact ctctgccac 180
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aagacgcatt cgctgccgt ctcgagacac ctgtcgagg gaaatcccc gccacactac 780
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gttaccg 848

<210> 6728
<211> 440
<212> DNA
<213> *Aspergillus nidulans*

<400> 6728

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 tcgaaaatct ccaccgaaaa ccaccctcta aaccctgtct tcagcaccgc gtttcccaca 180
 gcctcaatag gcagataccc cccatcatac ggcataggcc tgtaatcatg gctccagcgg 240
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 tcaagcggga tatacgcac cagagatttg aaaagataga tcttttcggg cggaattgta 360
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<210> 6729
 <211> 996
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6729

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 cgggagcata ttctgcttta ctagcttccg gagtagcgtt ggtggattcg gcgggagcaa 180
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 cagcggctct ggttgcgga tctgagttg ccgattccac agcgtacgct gttggcatgg 660
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<210> 6730
 <211> 983
 <212> DNA
 <213> Aspergillus nidulans

<400> 6730

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acggcttcac cttctggatg ctcgacaact ccattgcgtc catgcaaaac cgcattgttct  180
ctctcttctc gatcatctc ctcccacca tcttctcaa ctccacctc cccaagtttt  240
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<210> 6731
 <211> 749
 <212> DNA
 <213> Aspergillus nidulans

<400> 6731

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<210> 6732
 <211> 601
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6732

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 tttatctcaa cgacaaatgg attggctgaa gtgagaatgg agtaatagct ttcgggttcg 480
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<210> 6733
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6733

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agaacttttag gatctaata tgcacgtcca acagtacaag gttccggaaa ttttgcatg 180
gaggagctct ctactatgac tacctcacct tttttttttc tgagaatgca gaggacgaat 240
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<210> 6734
 <211> 861
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6734

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tcgacgtctt atttgaggga agaattatgc ggggccgacg atgacgcttg acaggctggt 240
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cgggaggcag caggaactcg ggaaagaaag aaaagttgtc ggtgattcaa taaccacttg 420
gcaatgactg cggcggttaca cagcctgcct ttgcgcgagg atgactctcc attcctcatt 480
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<210> 6735
 <211> 487
 <212> DNA
 <213> Aspergillus nidulans

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 cgtacagagc gtgtaaatat ccatggctta tcattgatgg tccactgagc cgtggcacga 420
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<210> 6736
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 6737
<211> 518
<212> DNA
<213> Aspergillus nidulans

<400> 6737

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<210> 6738
<211> 520
<212> DNA
<213> Aspergillus nidulans

<400> 6738

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aacataaaat gctcctacaa cacaataagc ttaatcagta taggcatgct agtacgctgt 360
tgacgtccta aggctgtctg gtgcaccatt acagataaca tggattaaac tgataaatat 420
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<210> 6739
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<212> DNA
<213> Aspergillus nidulans
<400> 6739

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<210> 6740
<211> 443
<212> DNA

<213> Aspergillus nidulans

<400> 6740

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<210> 6741

<211> 637

<212> DNA

<213> Aspergillus nidulans

<400> 6741

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tccgttgtct gcatgacgat atacatgtct tcgtttcttg ttgctaatgc ttgggtgctag 600
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<210> 6742

<211> 795

<212> DNA

<213> Aspergillus nidulans

<400> 6742

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<210> 6743

<211> 910

<212> DNA

<213> Aspergillus nidulans

<400> 6743

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atccttttgg caaatttaaa tattactcga gcatagcaag tataaccataa caagtataaa 240
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 aaaatgccga tacgaacgac atgattggag tggtagttgc tcagatccat ttgtgctgct 540
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 caatthttgcc tatctggctt atgtcgggtg atgtcagggg attgcattag tacttcacgt 720
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 aatagcaact ttaacagggt cgaggcacga gtgtgggagt ttttacaacc atgtttccta 840
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<210> 6744
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans

<400> 6744
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 tggagtgcgc ctgccctaaa tcatccctga gaaccctaga tgaactaata aaaagacgag 360
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<210> 6745
 <211> 952
 <212> DNA
 <213> Aspergillus nidulans

<400> 6745
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 ccgtcggacg gcatcggaat cccatgtcca gattctggaa gcacaggttg ctcaggtagg 300
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 ggacagaaca ttctgactta gcctccaaaa ctccgagct tgaaagcgcc ctggaaggca 420
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 ccatgcgcgt tgaactggaa cagcttcgca cagagcggga tttgcttcgc gaaggccagc 540
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<210> 6746
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6746

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 cttgcgagct ttatgtgcc gaccacctac acatTTTTTT gatgtgctgc ccatgtcgag 180
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 aatcaagaat ggcctcagtg aagaaagtgc agtatgttg aggcattcag atgaggccgc 300
 atcgtcagta cagcagctgg tgattcgact cgttcgggat acaggggagc tgagtgattc 360
 cgcattaaag cccgggccag agctgtactc tgggtggcatc gccagtctag gagcaatgcg 420
 tttctacaaa gctgataacc attgggggtcc ttggcttgcc ggcggggaaa gctttaaaca 480
 catttatgtg cgaggggttg tttttttgcc aaagctttgg tgataataaa agggggcgcc 540

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atttcatggt tgccaaaa 618

<210> 6747
<211> 496
<212> DNA
<213> Aspergillus nidulans

<400> 6747

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agctcactac cattttaatt gcaggtgtcc tgggacaata aagttccagg cagccgagtt 180
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cgcaatagca ggattcgccg gagtctctgg ccattaggct cagcactaga cttggaacta 360
gggcatagta aactgacact agactcggct atactgtcct gttatgctgg acttgtctca 420
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<210> 6748
<211> 1059
<212> DNA
<213> Aspergillus nidulans

<400> 6748

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cacattgggt ttccagcccg cgcccactt attgccatc gttgtttgac caagggccaa 180
ttcatccagg tagtacgagc ggcggtgcca gtgctccggt gttttattcg ccgccataaa 240
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ccatttagcg atgttaaaac aaagtctcgg taatgcggcc tttttaaaaa ttcggtcggg 360
caaaaggaag gatagaccga ttgttctatc ccaactgcat agggacgaat ccttgactag 420
taagagcttt gttcttgagt ggtcacacca aatgtgccca ggggcagaag ggaagttttg 480

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<210> 6749
 <211> 753
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6749

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 agagcctaga atctgcgacc tcaagaacag tgaacaacag tatatacatg tacgtccatg 180
 ggtatgtgca agtgtatcaa gaagccaaat acatactctt gatagagtaa aatgaagatg 240
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 acgtcaacgt accattcgta aaaaggaatc tcgactccag tataggcaat gaagagtacg 360
 aaggggagaa gaagaaaaat taagcacaaa acacatatcc gcctgagcta agagagctaa 420
 aacaaagcaa aaaaacagat aatagtaact ggggtgtaact agagcccaga acctttggtc 480
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 gtatggaata tgggaaaggc caacagagaa ccaccgcaa ccgaactagt tataaccgca 600
 aagcccaagg ggtaacggaa aacaacgcca accgtgcgcc aatgcgatgt tgaaatacta 660
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<210> 6750
 <211> 746
 <212> DNA
 <213> Aspergillus nidulans

<400> 6750

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<210> 6751
 <211> 1158
 <212> DNA
 <213> Aspergillus nidulans

<400> 6751

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cagcatctct cctcttttcc aactcctcct tcttcttctg cttaatcata gccataagct 240
cccccttcgg cgtcatcaaa gacctgctct gaagatactc cttcttaagg tcctctagct 300
tcttctgctc cacaaactcc ggatcatggc gcgtccggta cttggagaac ttatttcgca 360
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 gcggccaggg tatctcgatg tcctcgccag caatgtagcg ggtgtgccga ggagtgtcga 540
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<210> 6752
 <211> 590
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6752

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 gtcccacaag gtgcgccttc acttcattcc ggtatgatcg tcagcacggc tgagctaaag 180
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 catgtggtac acaccgctg aagcaagccc gcgctttggg ctttggtatt gcggtctcgg 480
 aacggggcag atcctcggcg gtctcatttc attcgggtgca caacatgcct cgtcctcgca 540

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<210> 6753
 <211> 347
 <212> DNA
 <213> Aspergillus nidulans

<400> 6753

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 tgtcgagtct taagagatcg ctgatggttt attgggagcc agacgagcta aaagatgttt 180
 cttgtattgc tcacttcttt ctctttgtgt ctcaaagacc ctggtaatc gagtatagcg 240
 ggcgaatgtt gtggtgcgga gtgagggacg gacagctaag gaggggacgac gagcaatcag 300
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<210> 6754
 <211> 460
 <212> DNA
 <213> Aspergillus nidulans

<400> 6754

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 gaatagagca gcgaaccaat acaaagcaga aggacattgg tcgtccgctg ccagaagaaa 240
 cacgcgtgat tattgagaca ttagtgctga gactgagcat tgctgagtac aggacaatat 300
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<210> 6755
 <211> 540
 <212> DNA
 <213> Aspergillus nidulans

<400> 6755

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 ccacaacaat cctctcttca aaacccatct ctcaagccgt cgcccacgac ttcctagccg 180
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 aagataaggc acagtttgag caggagcagg atggaaatca ggtatatgat gccaatgtcc 480
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<210> 6756
 <211> 499
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6756

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<210> 6757
 <211> 582
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6757

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 cctgtccctg tggctatttc aatcaccccg aaaaagaatg catatgcggc acagatactg 180
 tacaacgtta ttttaagtaa atatcgggac ctctttttaga ccgtatcgat ctgcatattg 240
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 cagacatcca ttgtaatgcc cagatgagta cacaattgac ccgagaaata tgtcagattg 420
 atgagcccg g aagaaagtta ctcaaacgg ctattgaaca tctgagccta tctgcaagag 480
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<210> 6758
 <211> 878
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6758

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 tttgtaaatt gtaccttggg agtctgctac cgaatacata cagtactacc ttctgcaaga 780
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878

<210> 6759
<211> 590
<212> DNA
<213> Aspergillus nidulans

<400> 6759

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<210> 6760
<211> 1071
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6760

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cgcgagcgcc attgatgccg ccgtccaaag acttgccaag cttaagagca aacctcgcca 480
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 aggtcttctc tctgctgcca aggtctgctc ctctcaacc aacacattaa ttgagactgc 720
 agacgggtgtg atttccggcc gcaactcgcc tgaacagctt attgtggcta gtaacgatgt 780
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 ctctaagctc agttcgacg agttcaaagt acaggaaatg gaacaacagg tattcttccc 1020
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<210> 6761
 <211> 712
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6761

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 gtgaattgga gcgtcaggct gagactgggt aggccactga gaatggaatc tacgaaaaca 480
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 ggatggactt ggggatcctg ttgggcggaa ggacgagata gatcggatat atatttagat 600
 cacaaattaa ggcgaccag ccaactggcag gagtagccag gattagcag cagagagtca 660
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<210> 6762
 <211> 1049
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6762

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<210> 6763
 <211> 551
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6763

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<210> 6764
<211> 575
<212> DNA
<213> *Aspergillus nidulans*

<400> 6764

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cgagtgggcg gagtactgc tcgtccagaa ccagcctggt aggtctctgc agagtttgaa 240
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atctgtccgc tcctcgttgt aatctgggca ctgttccgta gattatcgat ctgagacag 480
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<210> 6765
<211> 570
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6765

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ggaaaggag caaacctaca ctggttgagc cctcataagc tctgcgtctg taaacatcat 180
cgcttagcgc tttgatacca gtttcacggg gaccttgaac agggaaactct ttgtttgctg 240
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catggcttga ctacaaagca gttgcctgag gcgacacgcg gttcattctc caaccgctct 480
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<210> 6766

<211> 485

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6766

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<210> 6767

<211> 663

<212> DNA

<213> *Aspergillus nidulans*

<400> 6767

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ggaacggagt gctgaccgga aggaagctat gctgtatata tggttttcga tctcggaaag 180
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cgtagtttgc tgcgggaacc atgctacaag gtgcagcgtg gtggcactcc cagccgaggc 480
gaaatagaag ctcaatgact tccctccgtg cttgatagaa gctatcccaa gagtgtgaaa 540
cagcaacaac aatggccgct aacagacctt gcgaatggcc agtagcagtc cgcaacatag 600
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tga 663

<210> 6768

<211> 618

<212> DNA

<213> *Aspergillus nidulans*

<400> 6768

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gatattttcg gcagatttct tccagacgag tctgcaataa aactctgtag cacaataggc 540
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618

<210> 6769
<211> 564
<212> DNA
<213> Aspergillus nidulans

<400> 6769

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gtgtgttatg caaaccaagc aaatgcttca tgactaagct tcgttatcag tcttatcgaa 180
atccccaaaa aaggcgaaaa atggattttc cctcctccc cgcaatcagc tatcacttta 240
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cgatgacagc cttgagaccg tcaa 564

<210> 6770
<211> 819
<212> DNA
<213> Aspergillus nidulans

<400> 6770

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<210> 6771
<211> 555
<212> DNA
<213> Aspergillus nidulans

<400> 6771

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gataaaacgg cgctgcatcc agtagaattt ccaacatctc tgcattcatg tagctgcaag 480
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<210> 6772
<211> 724
<212> DNA
<213> Aspergillus nidulans

<400> 6772

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<210> 6773
<211> 393
<212> DNA
<213> *Aspergillus nidulans*

<400> 6773
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<210> 6774
<211> 912
<212> DNA
<213> *Aspergillus nidulans*

<400> 6774
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<210> 6775
<211> 525
<212> DNA
<213> *Aspergillus nidulans*
<400> 6775

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<210> 6776
 <211> 1068
 <212> DNA
 <213> Aspergillus nidulans

<400> 6776

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atgaaagtgg agcaggccag ccacatagac atctacaatt cattctcgta gaggcaatgg 1020
cacaggacga ccagactggc accttgaag ccgtttatcc gacacggt 1068
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<210> 6777
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<400> 6777

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<210> 6778
<211> 867
<212> DNA
<213> *Aspergillus nidulans*

<400> 6778

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tttcatccaa caggacttcc gtctgaaata gcagggaaga gctccaacgt cgcttcgct 780
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atcactgtca tggatggtaa gtaggcc 867

<210> 6779
 <211> 940
 <212> DNA
 <213> Aspergillus nidulans

<400> 6779

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<210> 6780
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans

<400> 6780

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<210> 6781
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6781

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<210> 6782
<211> 491
<212> DNA
<213> Aspergillus nidulans
<400> 6782

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<210> 6783
 <211> 1174
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6783

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<210> 6784
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 6784

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<210> 6785
 <211> 527
 <212> DNA
 <213> Aspergillus nidulans

<400> 6785

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 acacggttat aaatccatcc ccacgtcat gctgcactac ttctgcgtgg ctgggggtcca 180
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<210> 6786
<211> 881
<212> DNA
<213> Aspergillus nidulans

<400> 6786

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<210> 6787
<211> 861
<212> DNA
<213> Aspergillus nidulans

<400> 6787

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<210> 6788

<211> 599

<212> DNA

<213> *Aspergillus nidulans*

<400> 6788

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<210> 6789
<211> 435
<212> DNA
<213> Aspergillus nidulans

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<210> 6790
<211> 684
<212> DNA
<213> Aspergillus nidulans

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<210> 6791
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6791

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<210> 6792
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<212> DNA
 <213> Aspergillus nidulans
 <400> 6792

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<210> 6793
 <211> 1103
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 6794
<211> 504
<212> DNA
<213> *Aspergillus nidulans*

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<210> 6795
<211> 659
<212> DNA
<213> *Aspergillus nidulans*
<400> 6795

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<210> 6796
 <211> 527
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6796

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<210> 6797
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 <213> *Aspergillus nidulans*

<400> 6797

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ttcgactgaa gaaaactcga cactcatgat atctaagtcc tcctactatg gcttcttgca 420

gtagcccata ccggaattac tcctaaaaca tagtttgtca aaagcgacc atggatctag 480

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<210> 6798

<211> 689

<212> DNA

<213> *Aspergillus nidulans*

<400> 6798

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gagatatgga caaagtggca atagtataca agttgccttc ataaatacata acactaccgg 240

attataacta ataatactgc tgctatggat aatttgcccc aaccacacac acacacacac 300

tatccaaggg aaacgaaaag aagaggatag tgtccatgag cggaatttgt gaggtgagga 360

ggatgtgata ggtaggtgtg agagcgtcag accatagcaa gcaagtcaag tcacogtcca 420

acaagtcgag aatctgaggt tagtcgaagc cgggtcaaat cgggacgcgt gaacatocct 480

caacaagccc cgtcagcgtc agactctcct cccaaccttg cacgtccggc gaatgtcaga 540

aagcaacaca gtagccatgt gtatagcccc cgggtaatat gtggacgtaa tccactttga 600

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tgctaatagca gagttcgtga tgcattgca 689

<210> 6799
 <211> 852
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6799

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tagagaaagc tg 852

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<210> 6800
 <211> 512
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6800

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ggatacacgg cagactgcat gacggcaacc tacgactgga ccaacgggtg gcgcataacg 180
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actacgaatg cttcaacaac tcaccggaga ttgtgcctgc acgatcagac caacagggta 300
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 ggagaactga aacggacgca tacataaacg acttttagaga tgaagcagaa cactgactgt 420
 gggctacgtg tacgaagacc tcttggggaa gcggcggacg aacacttatg ataacaacat 480
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<210> 6801
 <211> 876
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6801

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 cgactggaac ccgtctcgat tcggatcaat aagggttgct aatgggtccg cagccgattc 240
 aacgaggtgc tcgaaaaggc tgagtttggt cggctcaa at tgcttgaagc gcagagacga 300
 ctgccgacag atcatccatc ccacccaac aacctctcgc tcgagtcagc cggttcaggc 360
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<210> 6802
 <211> 557
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6802

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acagagaaat aagatagacg agaatttcct aaggatgggg taatcgagta gagtgggtgtc 180
ctagcctatt cgaatgggta acaagcgcaa tcaagctatc cctagacaac aggttcaaca 240
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atcgaacacc ttctgggtgc gggaatgctt gggatcgaat tccagttgat cagaaagaaa 480
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<210> 6803

<211> 570

<212> DNA

<213> *Aspergillus nidulans*

<400> 6803

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cagagcgttt cacaatcaca attagcaaca cgtactgggt gcgcgtcaac gacttctacg 180
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taccataata atgatgcaat cctttataac aatgtgtgca acctagcttg catccgaact 480
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cacaagacgg gcactgacat gccaacaagc 570

<210> 6804

<211> 816

<212> DNA
 <213> Aspergillus nidulans
 <400> 6804

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ggggaaaaat ggtgatcggg ccagaggaga agagtgcgag aagcacaggc catgaatacg   180
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ttaccagact gttgcctctc gtttaaaaga gatacacaga ctgtgcttcc taagtctctt   360
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tgtatgatag gtacagtcta gtaccgcgca gaccgatgag gatgagaata ggccaacggg   720
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<210> 6805
 <211> 1204
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6805

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actgaccgct cgaccgctcc gggctcggta ttgggctcag aattggtggc cttgctggaa   180
caggcaagga gaccgcccgt tgaagtgacc tcacctgat cctcggcctc ttatatggcc   240
tgcacactc ctgatgggtg cggtatggtc tgatcagatc agatcagctc cacttctact   300
accacaggc cgcgtctcca ctgctaggaa caagtcaaga tccagcatag ctaggtagac   360

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 tgcacccctg accgtctcgg gcattgtctg atcagacgtg cagcgtagct gacaattcag 660
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<210> 6806
 <211> 295
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6806

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 tgctgggcca gccttccac cgagtttttg ctaatgtctc cagcactatt agagccaacc 240
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<210> 6807
 <211> 855
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6807

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<210> 6808

<211> 501

<212> DNA

<213> *Aspergillus nidulans*

<400> 6808

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agggcttgta atcgcggtcg tcgtaaccgt caggaccggc ctcgatacga cggactggtt 420

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aagagttcaa cggcaagtat g 501

<210> 6809
<211> 545
<212> DNA
<213> Aspergillus nidulans

<400> 6809

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aatatacatt agtcacatgg ggaataagat gaaagttttt agtcttcaat ttcagctaca 480
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accac 545

<210> 6810
<211> 1005
<212> DNA
<213> Aspergillus nidulans

<400> 6810

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<210> 6811
<211> 588
<212> DNA
<213> *Aspergillus nidulans*

<400> 6811

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<210> 6812
<211> 574
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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<210> 6813
 <211> 782
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6813

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 tgagtgtcat agtgggtgac tgcttgccca ttgatgatca gggcccgtt ggtccggtca 480
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gagatcgagc atatggcatn caagatcttc tatcggaggt tcagtcagct tcgncccggt 720
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<210> 6814
 <211> 583
 <212> DNA
 <213> Aspergillus nidulans

<400> 6814

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 ctaaagtcga ttgatcttga tgatatgac actcgtcttc tggacgcggg atattccacc 480
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<210> 6815
 <211> 1017
 <212> DNA
 <213> Aspergillus nidulans

<400> 6815

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<210> 6816
 <211> 789
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6816

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<210> 6817
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans

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<210> 6818
 <211> 489
 <212> DNA
 <213> Aspergillus nidulans

<400> 6818
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<210> 6819
<211> 527
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6819

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<210> 6820
<211> 572
<212> DNA
<213> Aspergillus nidulans
<400> 6820

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<210> 6821
 <211> 697
 <212> DNA
 <213> Aspergillus nidulans

<400> 6821

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<210> 6822
 <211> 535
 <212> DNA
 <213> Aspergillus nidulans

<400> 6822

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 gggcggtttg aacctcaaca tgtgtgattg ctttgaatc tcgcttatag aaagtaagta 480
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<210> 6823
 <211> 745
 <212> DNA
 <213> Aspergillus nidulans

<400> 6823

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<210> 6824
 <211> 546
 <212> DNA
 <213> Aspergillus nidulans

<400> 6824

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<210> 6825
 <211> 589
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6825

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<210> 6826
 <211> 438
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations

<400> 6826

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cccactaaat gatatagt 438

<210> 6827

<211> 2457

<212> DNA

<213> *Aspergillus nidulans*

<400> 6827

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<210> 6828
 <211> 614
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 6828

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<210> 6829
 <211> 1026
 <212> DNA
 <213> Aspergillus nidulans

 <400> 6829

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<211> 624
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6830

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<210> 6831

<211> 685
 <212> DNA
 <213> Aspergillus nidulans

<400> 6831

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<210> 6832
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 6832

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513

<210> 6833
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<212> DNA
<213> Aspergillus nidulans

<400> 6833

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gogcatgggt ccttggccat gacagcctta tctcacttaa tcctgttcga ctctctcggt 660
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<210> 6834
<211> 510
<212> DNA
<213> Aspergillus nidulans

<400> 6834

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gcccttgatg atggcgcttgt cgcaaacacc aagggaaga cttttgctag ggtagatggc 420
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<210> 6835
 <211> 953
 <212> DNA
 <213> Aspergillus nidulans

<400> 6835

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 ccaacatgtc cgccacttgc agttttatcc ccaacacttc gtcagagAAC ggggtgcaagc 240
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 gggtaaatga ggtagaagg gcgtgactga ggagagaatt tatacgagcg gagcccatg 900
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<210> 6836
 <211> 758
 <212> DNA
 <213> Aspergillus nidulans

<400> 6836

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 attggccctc aatctatgcc atccacgcac tcggtacgtg gatttgaggc tcaccgcaga 660
 gtgggcggac gaactaagca gccctctctt tctccgtcat cattattgct gacacactat 720
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<210> 6837
 <211> 483
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6837

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 aaggcgcgga ctgttatggt gggcctaattg atcaatttcg tcctgcccaa agacatgctc 180
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<210> 6838
 <211> 693
 <212> DNA
 <213> Aspergillus nidulans

<400> 6838

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acagattcg caccctcgcg ggcacgaac gat 693
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<210> 6839
 <211> 449
 <212> DNA
 <213> Aspergillus nidulans

<400> 6839

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<210> 6840
 <211> 743
 <212> DNA
 <213> Aspergillus nidulans

<400> 6840

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cgctagcttc attatccgtt cttgttctca ctcagcatgg tccgtttgag aggttgacgt  180
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tcgtatcaag tcatttggtg tctggggatc cagaattgat tcttcgtttc tgtctagtgg  300
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<210> 6841
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 6841

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ataaacacgt gatgctaata gaagcttatg cagcttacct tactaagctg catattcggt  180
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cccaccccat ggcaccagac attaagaacc tgggcaagcc actatgacgac catgatgtaa  300
aggctaacca ggctcttgat atccccctca tcatccctg gcactgatct gggacggtta  360
  
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 aaaaatccca agaaattcaa ccccaacgac cctagcga 518

<210> 6842
 <211> 1032
 <212> DNA
 <213> *Aspergillus nidulans*

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 ggatatagtg gagtcaatca aaagacaggg tataggaaga agggaaagga aaaatgaaaa 180
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 aacgcgctga tgagttcctc gttcaccgtc gcaatgatgc gtctgaattc ctgttcgggc 540
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 cgaggcacgg cgatactgga ccggccgacg tcggactcct gttgactgcg ctcgacaacc 960
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<210> 6843
 <211> 1011

<212> DNA
<213> Aspergillus nidulans

<400> 6843

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caaaaaagca tgccgaggag aagaagcaat tagacgttga gaagtctaata ctctccacaa 180
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tatccgaaga tgccgaagct ggagagagcc gcaaacttct cgagcagcag attcaggacc 360
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agcttcggga tcgatttact gcggctgaag atgctcggct gagagctgag gccgagatgg 660
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<210> 6844
<211> 501
<212> DNA
<213> Aspergillus nidulans

<400> 6844

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aaaccggtgt gctcatgcat ttgctatggc ctacttttcc tttttgttat gttaacgact 180
acgatattct ctagttggac acgaaaaata tgatttggtc aatgttcatt ctcaccagta 240

aaaagtaata gtagtccttg tagttcatgc tctgtcattc tctatttcac ctttggtact 300
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<210> 6845
 <211> 929
 <212> DNA
 <213> Aspergillus nidulans

<400> 6845

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<210> 6846
 <211> 448

<212> DNA
<213> Aspergillus nidulans

<400> 6846

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<210> 6847
<211> 662
<212> DNA
<213> Aspergillus nidulans

<400> 6847

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<210> 6848
 <211> 581
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6848

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<210> . 6849
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6849

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<210> 6850
 <211> 808
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6850

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<210> 6851
 <211> 905
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6851

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<210> 6852
 <211> 550
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6852

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 tgtcagtacc tgacatgcat gacgttgagt atttgagctg agctgggttac attgaacgaa 360
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<210> 6853
 <211> 820
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6853

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 gtttatttta ttattattat tcttattatt tttttccatg tttcagtcta cagccaaatt 180
 cgccagaggt taagtatgtg tttgcatatt cgcgcaagta tatataatgg gaaaaaagtg 240
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 caataaagtc tccattacct taagccgtat acgaaaaagc tggctactac tggtaacagc 360
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 agcagaagca gaattataca atactagttg ctcggtttat ctatcaaaca gccaaagcgaa 480
 acatgataac gattggtggg cacataagat acaattactg tacacatcca cattacagtc 540
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 caagagaatc atagcagcgc cggcaaaaat ggcagtggta acatacgcgc caacctggaa 660
 gacaccaaca tggacacttc caggggacag agcgaatgca gctccctcag aggtgtcggc 720

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<210> 6854
<211> 757
<212> DNA
<213> Aspergillus nidulans

<400> 6854
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tctatccgac cttccactgc gagccgactt gaactgacca ctcatctgcc cattgccgca 180
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gtttgcgcgc aggcagaatt gcaggatcaa agaggcttat gccgtcagaa ccattctgca 480
gtcacacctg gactaagat atccttatga agtagtcag cattcgatta cggtgacagt 540
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cgtgctaggg tcgtggcaat agggatatccg tataccg 757

<210> 6855
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 6855
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<210> 6856
<211> 741
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6856

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aaaagtagca gaaaaaacca gagtctgcct ttcaacacca ggaacaacat tttcttcgga 180
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<210> 6857
<211> 523
<212> DNA
<213> Aspergillus nidulans
<400> 6857

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 aatacaagag cgaatgcgtg cgccaccca tcatgacatg tacatgtaaa agcacgtgc 420
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<210> 6858
 <211> 897
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6858

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<210> 6859
 <211> 491
 <212> DNA
 <213> Aspergillus nidulans

<400> 6859

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gtactccggt accggtacgg ctatagtcac ggcacgctct gcaaggcgct cgcgaccggt  180
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gaataactct catgaggaag atccagatga ttcgcttcac cggacctatc ctctaccgca  420
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<210> 6860
 <211> 492
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6860

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ataaagcccc catgattacc ttcgctaaac acggaggcct ggtttctgat cgtgccattc  180
caggtctgtg agacgactac ttgctcggaa acaacgaggt tgaagatatt aannnntatg  240
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tcggattcct gcatggcttc aaccaagcgc caaccgatta tgggtgcgtt aaatagaggg  420
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<210> 6861
 <211> 823
 <212> DNA
 <213> Aspergillus nidulans

<400> 6861

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<210> 6862
 <211> 650
 <212> DNA
 <213> Aspergillus nidulans

<400> 6862

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ctatgagcgg ccgtcttcat gacgatgagt gttacgctcg agccgtcgac tcgcttccag 240
catgatcagc aagcactccc aggettaaga gggctctcgt gatgggtggat tgtggactgt 300
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gaacttttaga gtgaacaacg gcaaggctga tcagaattaa tttcccgctgc tcgctgctgt 360
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 caatcattgc agcgtcgccg cgaccgtggg ctgtccatcg ggccctgcgcg gaagacaaag 480
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 gtggcgacga gcgaggtttc gaaaccgttt ccccgccca gtcccacga ttgccagaa 600
 ggcaggaata tcgcatgcaa tcctgggttg gatcttacga gacagatctc 650

<210> 6863
 <211> 527
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6863

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 atggacgggt gactgactga gacgaagaag ctggttgctc catccgatct gctaaacatc 180
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<210> 6864
 <211> 377
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6864

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 gcccaattgc tccagctcca cgaactgaac tggtaacctc accttatagc atcgagcaaa 240

tcateggacg tattcacatc acccgtcttg ggagagataa aactgacac aacttgctc 300
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<210> 6865
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6865
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 cctgggctgc ttgttctgt tcaataatcg gcattacgtg ctcttcgacg ctgtctctga 360
 gtatcttttc atctgcgtcc ctctgttcc gtatcgaatc aaggaaactgt tggtagtcct 420
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<210> 6866
 <211> 291
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6866
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 gaatacactc acgcgataca ttattattta acttgagcat ggccatgttt gcaggcgaac 180
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<210> 6867
 <211> 838
 <212> DNA

<213> Aspergillus nidulans

<400> 6867

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tacatcggtt cacgctacca gtgctctgga tctgtcaggc tttagtcttt tgtgaggctg 780
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<210> 6868

<211> 459

<212> DNA

<213> Aspergillus nidulans

<400> 6868

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tccgacggca aggacaactg gggctgtgga agcaaaaggg aggggtaggt cgaatgacca 360
caaacaatgc ccgagagatg agctcggcgc gtctactgtt gatgaaacag attagtctgc 420

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459

<210> 6869
<211> 146
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6869

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atgcagatgg tacagggaca ttgagc 146

<210> 6870
<211> 944
<212> DNA
<213> Aspergillus nidulans

<400> 6870

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ctcttagtga tctataacac ggctgcagga gttgggtcag tgtgtttttc tgctcatagg 180
gattttttgc acttaaacga ctttttgcca atcaataggt cggcaagtat gaaactgcct 240
ccgattgagc tctgaggtagc tggcaagaga tgaagctgtt catctaaata ccattagtta 300
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cagatgatat ctatctatcc gtctgaaac attcccgaaa gccctatata aggacagcag 480
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catcacgtgc cttgattgtc gtagaattat atttcacgtt caagtcaggt cactggaatg 780
tcggtacttt gtcattggctg aaatgatctg gtggaaatgt gcttgcacg agtatattcg 840
gaagcctgga ctgacaccct caagcacttt cggggtgact acggcacagt taagcaaagt 900

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944

<210> 6871
<211> 734
<212> DNA
<213> *Aspergillus nidulans*

<400> 6871

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tcgcgtggag taaagtccgc taccgtacga ccgcgcgttc gcttccccgaa gcacgcggcg 180
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gcgcccata agcaatggcc tatcttacct ttttaattga caattacgac tccctcccct 420
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ggtcacctga gatggccttc cagagcaaga tcgaccctg ggacgcgcgg gctgcgtcgg 660
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<210> 6872
<211> 527
<212> DNA
<213> *Aspergillus nidulans*

<400> 6872

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gtatgcattt tctatcgatc ggtctgaagg gctcatcgtc gccattgatc acgctctcaa 300

tccacagaat ctcttgaaac tcttcgaaga agttagctta tccggaaaga ttggaccagg 360
cagtttaacg aatgggtcaaa ggggtaccttg ctctgagttt tccgaggcca gattctggtg 420
ggttacagct tgcccagaaa gaggcgcgtt catcatttct ggctaataca gacagtggaa 480
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<210> 6873
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 6873

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gttgacagac atgtgaatca ggatgacggc gaagagagat cccgttcgca gatagacaaa 180
agtggcgtag cagccaaaaa ctgttgata cggaactga aaaacggagc gaagcacggc 240
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gactccgaag tacaaggggg ccacccaaac aatatgtcct ggactgattc tggcgagtag 360
gtggagaggt attattgccg atctgaacat gacctcctct gtgatgggac cctgaatcgc 420
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<210> 6874
<211> 542
<212> DNA
<213> Aspergillus nidulans

<400> 6874

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gtttggcgaa tgtgccattc gaggattgag accgtcgtct ctgtccatga tagcggtcag 180
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gcctcgaggt cgaggtgtta tggctccaag tgctgtcgcg agctcgatct tctctaaaag 420
 gcgatcttgg ccgcctcgat gacgatacag gagatctcgc tctcacatct cgacgaggcg 480
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 gg 542

<210> 6875
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6875

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 cgtcggcgag aggtgatata gtcacgaaca agcgagacct ttctcggagc ccacttggtc 180
 aggaactcct cgcctttcac atagtcattc tgtgtattca tacgccagag gtctgcggcg 240
 cgctttgcag aactggacg taccgcaaca gaatacatac ggaccgtaga gtgcacaacg 300
 cgtgtgttac taaagaagtt cttgaacatc gattgcgggc gtatatacgt cggccctgc 360
 acttgagcg tcaggtcgat ctgcaacgac acagggtcct gcaagcgtga agactggaga 420
 tccatctgac cgttacttgc acgcggtact tttccgcagt caccgggtcc aggagtagcg 480
 agttatgtaa gctggagtcc attggcctac aagagtgatg ttgga 525

<210> 6876
 <211> 846
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6876

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 gcatcaatga gattgaagat aaagctgagc acgggaagga tggtgttatg ctcggtgctt 180
 aaacatgata aaagcaagcc tttggctctc caactgaggg ataattaaac atatgaggcc 240
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tttgtttcct agttttattca agctgctaga cgtggagcag catgtactca ttacttggca 420
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 taaactgagg acgaagtatt tgtcctaagc ggagtgcgat attcttccat ctacttccgt 540
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 gaggcagtcg atgatgaata ccatgaacta ttctgtcat catcgtaata tctgctcttt 660
 cgatcccgtt tccgatctcg gtctctaacg gggctcgaac gacgctcgcg gtctcgggtca 720
 cgataatata gatcgtctcg cctatcgcca tcgtcacctt catattttcg tcgcctagaa 780
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 taccga 846

<210> 6877
 <211> 529
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6877
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 attcaaagac cgacaaatta agtgtaaata ctctatttgg cccaaggggt tagtttacat 120
 gcagggaaaa agaaactagt cgacgagtgc agaacttact tccgtatact gattcacctg 180
 tagtccaggc tccgccattt cagcatcctt caggaaatcc aatggcatcc aaacgagggtg 240
 tcccttgatc ttatcgagct tctcccgac ttctggact ggtatgaacg gatcgtacaa 300
 atggcctaata ttgtagccat ctttggcgcg gtacttgta tactcctcaa aggtcctaata 360
 attgtcgtcg ggatcgggtc ggaagagctg ccggtagatg ttagtggtta cagtggcctg 420
 gtctgtccac gtcttccaaa gattgtcggt cattgggtcc gtgacgaagt cgttttctgg 480
 gccctcgaga atctcattca tgcagatggt cggcggtgt gcgttgggg 529

<210> 6878
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6878
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 gtgctctcca ctcttgccct ggaatattcc atcactttag atacgtggca tcgtactgtc 180
 atatcgtgac ctacgtggcg gatcatgtac tcaataacgg gtgtacttta cgtataggct 240
 gaccatgact ctgttgagga ttgacacgct attcgggtgc ctgaaacccg aacttgcacg 300
 gaatgttctt tatttttagct atatgcacat tatacgtatg ttgaaacagg taaaggccat 360
 ctgtattcct gcgtcgtggg ccatctcata tacagggtgac ctatttcaat cgcttacatg 420
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<210> 6879
 <211> 534
 <212> DNA
 <213> Aspergillus nidulans

<400> 6879
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 acatacaagc agtgcttaac aacatgagat tggcacgctc cttaaggatg tcccaccaca 120
 ctgtacgtat taccctgaca gcatgctttg ggcaactgaa ctaaactgcc ctgcctaate 180
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 tgcttggcat tgtgcgcttt accgtgcgtc gagacgatcc gtgccgtgtc tatcgagccg 480
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<210> 6880
 <211> 646
 <212> DNA
 <213> Aspergillus nidulans

<400> 6880
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 tccggtagag gttggaattt gatattta attgattttatt cgtttttttt cttactgtga 180

agattcccaa gaacaacgca ctggcaaaga cctcatcccg gaccgccgat tccttggtgt 240
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 tgggtctggga ttggtggcgg ttattaaaca gtgccagata cccaagactt aggactgaaa 360
 gccgcaggca cgactcagag gacttttcaa ggtagaattc cggcaggaag gcgaggtggc 420
 cgccgcggcg ggactttctcg acaatcagga catatgtccg catgaagcac gatacagaga 480
 cctcctcggg gtttcttggt cgaatggaag ggggaatacg cataggtacg ggggcggggc 540
 gcgccgcacg gtgcgaaacc ctggtgagat ggagatgta gacgtcagga ctgagatctg 600
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<210> 6881
 <211> 693
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6881

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 aaataatttc cccctttttc cttttttaaa ttatttttta ttcaatattt tttaatatta 180
 ttaataatta tattattttc tattttatat ttcttatatt ctttattatc taattctatt 240
 acaaatttta tttttaatat ttaactataa tattaaatat atttataata tttatattta 300
 atatgaatat aaaattttta tttttaatat ttatatatat tatatttttt ttaattataa 360
 tctttttttt ttatttttta ttttatata ataattaata tttatttttt tattattact 420
 tcaatattta taattaatta tttcatttat tataatttat aatcataata tttaaaacta 480
 tatatttttt tttaaaatta tttatatcat aaattttaat atattttatt ttatattata 540
 gtattactat attattttat taatataatt ttaattttat atttataatt tcaaatttat 600
 atattttact ataattttat attaatatt taattattat attaattata tataatttaa 660
 ttataattaa taaattttta atataatagt tat 693

<210> 6882
 <211> 780
 <212> DNA

<213> Aspergillus nidulans

<400> 6882

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cagatgaaga aaaaccacc gaaagaccac gactcactc ctcccttagg gtctgcgcgc 180
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tattcctccg gtactagcga tgcagataca aataaagtct gaaaaaaaaa aaagcaaagc 660
aatcggtgaa cataatatga tatctaact agtgttctga gtgtatcttg aagaaatcgg 720
cagggaaaga gttgatgcat cgtgacgctt acggtaggac ggcgttacga atagtcctct 780

<210> 6883

<211> 627

<212> DNA

<213> Aspergillus nidulans

<400> 6883

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tacattttac taactctgca ccactaaca agcttcttta ggctataggg gtatatctac 180
ctctgtttta caatctacct tatccaggga atgccttagc acgacaaatc aatacccctc 240
ccgcgaacta taactcatac cgcaatgaaa cacctcccca gacattcaag agcacggctt 300
caaggcatct gaaaaactat acacaccacc ttaaagcgca cgtgataaac atccagacac 360
acatgccact gcaccattga taatgactct gctgtcaatc tctactctcg ctttacctct 420
taacatctga agcctataat gtttttagcc accggtacga ccggctaact ttccgccaga 480

aagccatagt acatctattc ggtacacaat tttgataccc acaccacgtt actttatagc 540
aaagacactt ttcacctgct tgcctgtgga cacatttaaa ctactactcg cctcctgcac 600
catttctgct ccctatccac caccatc 627

<210> 6884
<211> 1053
<212> DNA
<213> *Aspergillus nidulans*

<400> 6884

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tcaatcttca atctcgcccc accgtctcca aatctcaata tagaccggat accagttagt 180
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ggagagaggc cattggattg gcggcgattt ttagctggtg tatagcgtgg ctttgggaac 540
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tcttgagtt cataccatc atgcataccg gaaatacggc gtcgacgcca tctccacccc 660
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gtgtagagct ctgacatacg cccccgaac agagcccccc ggtcgcaggg tgtcccgtcc 960
aggacggtcc cggcattaga gcaggagcca gtagcgaaag gcgagtacta ggagaggata 1020
caggtatcgg catcggtatc gcaggatgat ata 1053

<210> 6885
<211> 895
<212> DNA

<213> Aspergillus nidulans

<400> 6885

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gtaccaagga ttgacacag cccgaggggc gagaacgtcc caattaaacg gtgagctcat 180
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<210> 6886

<211> 581

<212> DNA

<213> Aspergillus nidulans

<400> 6886

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taaaatagct ggaacaatgt tctgaaggct gaagctaaca cagccgcggc ttaggtggt 180
cagctcctgt gtccatatga ccaattccgg gtggcacggc aaaggtatcg cgaaatataa 240
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aagccgttga gccacacaaa attctgctga ccgcttaaac gttctccact ctgatagggt 420
cgaagaccgg ccatgttttg ctggcaccgc cgcagcacag caaggaacca ggccctagtaa 480
agttgtctca ctctgctcg ttgcatctc acattctttt cttttcttcc ttcttctctg 540
cccaattacc cagattacca ctgttcattt cttctctttc t 581

<210> 6887
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 6887

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cgccataggc tgggcagcta cgcaatccgg ttttaggatg caacaccggc tgcgaccctc 180
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gcagatggtc cgactaacgg ttggctgtgc aggtatgtat cttacattgc aaagagacc 420
tcaagagttg tgtcttaatc gtctcgact gcaccaaag attagtcgga gggttagcct 480
agtaaagaa cggctaggaa cggaatccat cgttgtctc tgttcgaatg agcacgaata 540
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<210> 6888
<211> 473
<212> DNA
<213> Aspergillus nidulans

<400> 6888

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tactctccca gtgctatgaa gccgcctgtc tagccctcca cagtcacctc aaagcgataa 240
catacttcag agatcggaag gctcacaac aggcagaata tgtgaattcg tatgtcctcg 300

aaactccccga ctttctattg agcaagctaa ctggggttga tgctgaagga tattgctcta 360
cccgtccttc accccattca tcattgtctt tacgcacgca atcacaacat cttcgaccac 420
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<210> 6889
<211> 692
<212> DNA
<213> *Aspergillus nidulans*

<400> 6889

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cggattggac accggcgcggt cggcgtggaa aagaaggctc acggtgcttg aggactgagc 180
tattacgccc atcttccac gctcgtcctt ttatagttag gaattgaggc ggtttggata 240
atccccggtt gatggtgacg tgatcgatcc aggtctgtt cctgaggtca acaacagcct 300
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cctgctctaa gcaagtttca cacgctacta aattaatcca agatcctcca aacacaagcc 540
tggagattaa gcgccatga attgcgggac ctttttgcac gtgacattta agccctgcat 600
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<210> 6890
<211> 871
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6890

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cggacagcag cccttcattg tcgagtccaa caacggcgga tgtcacaatg aaacatgtct 180
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<210> 6891
<211> 798
<212> DNA
<213> Aspergillus nidulans
<400> 6891

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cagcagcatc cttctctctc tcgtcagaaa gaggagccgg agccgcagcc gaagtcgaag 180
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gttgaagag aggcgttga cggccatgga tttgatgcaa atatagatgc aatatgcacg 720

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<210> 6892
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 6892

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cgacgaaacc agcagtatgg aagaggggac acccgttgta ggtggcttcc tcagcataaa 540
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<210> 6893
<211> 704
<212> DNA
<213> Aspergillus nidulans

<400> 6893

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cgatcctgct cgtcaggccc tccccgatgc cgatctggta tgagatgcgg actgcgtcgc 420
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cctgtgattg cccgattgta agcccatgtg cggctgtgat ggcggcgagt ctggctctcc 540
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gataatgagt acagctgttt cctccatcac cccgtctgtt gagagtcggt catttgctcg 660
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<210> 6894
<211> 1017
<212> DNA
<213> Aspergillus nidulans

<400> . 6894

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cgcagcgctt ggattagctc aagtcggttt cgcggcgcac ggtcgtctgg ggttcgatac 180
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<210> 6895
 <211> 756
 <212> DNA
 <213> Aspergillus nidulans

<400> 6895

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 catgagtcac gattaggggc atatcatcaa catcaaggca aaacatcaaa gtcacatag 240
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 gttgaatcgc tatcgccgt ctcgtatccc gttgttttct cgtttgtctg cggatcatcg 660
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 gaacgtggac gcggcggtgc tagacgggta gagtct 756

<210> 6896
 <211> 608
 <212> DNA
 <213> Aspergillus nidulans

<400> 6896

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catcctacat tagtactcgg caaaacatat taaaatatgc cctcaaacc agtctttaa 420
cgaagttaat aacgcctatt ctttcagagc cattctatat tgcgatgaat aagatacatg 480
gaatcctgat gggagctcct ttttcccctt gaagagtgat cactgtggga aaaccaatgc 540
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tatagaaa 608

<210> 6897
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 6897

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acataggaag ggccaggggc aatggctcctg tccccttgcc taatgcgtct ctatacggcg 180
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<210> 6898
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 6898

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ggaacatcaa catcatgact gtgggttttt acgagccagt ctcatacctc cgattccctc 180
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caagcggaca gccagtcgcc cttgctgtgc ccccttcaact tgagcaagcg ctggtaagaa 420
tcgtggcccg ctttgcggtc ggtcggtcgc ctgcgtctct cctactacta ctctccctc 480
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acaaaaagta caccgcatag gtgagtata 569

<210> 6899
<211> 647
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6899

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gtcgtatta ctactcattt gtttatcttt gctgccgctg cttgtctttc cttgaagact 180
aagggttctc accagaggag tgccctgcctt aagattggcc ttaagcagta cccctgcagt 240
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tttttctcaa cagctgtttt ttacacctt ctttctgtt tttatatacg tgggtgccct 600
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<210> 6900
<211> 655
<212> DNA
<213> Aspergillus nidulans
<400> 6900

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gtaattaacg accacgccta ccagacctat tattcgatat ccttaacttct tctctctata 600
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<210> 6901
<211> 555
<212> DNA
<213> *Aspergillus nidulans*

<400> 6901
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<210> 6902
<211> 972
<212> DNA
<213> *Aspergillus nidulans*

<400> 6902

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<210> 6903

<211> 569

<212> DNA

<213> *Aspergillus nidulans*

<400> 6903

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aaccgaacca ttaccacaca accttgatc cttgttttagc ttccgacagc ctctactcgt 180
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cagcattgga ccgcgtgag accgagcaca agtagaaaaa cacaatcagc ttcacattca 300

tggatcaatga gaagccaac tgtcctgcaa actgctagag caagaagaat acacactggg 360
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<210> 6904
 <211> 1221
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6904

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<210> 6905
 <211> 501
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6905

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<210> 6906
 <211> 449
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6906

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 gattgcagcg actggggtct taactgctgt tccatactgt accaagtgcc tgaggccatc 180
 ctatcatgtc taaggtggac ggtatccagc catttgctgt tcacaagcat ttggaggggt 240
 gcattaacaa cgttatgac catcacgttc aacgaacttg acctttcaac cttgtgctct 300
 ctacttacta ctatgtgtaa cccagactgg gcctaaaatt gcgacctgcc atgtgagtat 360
 gttaccagca ccgagtgaac ttagaggctt gatcattaga gtgactgcag agtgcattgt 420

acaataccag agctgactga tgtaaagaa

449

<210> 6907
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 6907

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caacggatcc ttaactgtga acatattgaa ggtaagtagt cgcattcttt ttcgccgatt 180
cacaacttta gctaattata atctcaagct acttgctcgg ttcgtcacca tggatgacga 240
caccctcact aaaacaaatg tcgccaaagg gcttccaagg ttcgcgaaaa agggaagtgc 300
ggaagtaaaa gccctcgcac aaactataca ggccaacgcc gctgcatcca ccaagcgcaa 360
gcaggagaac gggaagccgg gctcaaaaga aggctcgcca gctaaacctc cgggtgacag 420
tgccgcagtc gtaaattggg ctcgtaggga tacctctggc tctaaacgac cacgagatgg 480
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<210> 6908
<211> 837
<212> DNA
<213> Aspergillus nidulans

<400> 6908

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accatccgga cactaaagcc cgtgtccaac cgggtcccgg aaacggcatc ggaacataat 180
ccaagcatgg agcaggagca ataatacggc tgaaggtgtg cagggccgcg cccggcgtgt 240
atggatacac atatcgccct attatctttt tgatccgccc ttgtcgggcg tggacacggg 300
tgacagaccg agatatagcg tgcactgcc gcaaacgctt ctgctggcgc acggtgtacc 360
cctgtaatag ccggttgatg tcattctcgg atggtttgtc aatctgactg atcctgcgca 420
acgtgtttgc tagcgcagag caccctcgat cgcagtattt gtcctctgcg ccatgttggg 480

ggatcatctga acaactagtc agtgacgggg caccaggcca agaactcactg gggatgagaa 540
 ggagagcgag aaccggagag ggtagccac cttgctgacg ctgtcccaa gacacacgat 600
 tcgtccatgg tgccaaatct ggaacaggcc ttcttccagt attgtgaagg agtacttcgg 660
 tgtatttacc acaggtcatg gaatttcaga tctttgcata ggccaaggcc ggcgtggcat 720
 cttggccata ataagggtcg tttcgccgtc cgaggattga gttgttgccg gagagttgca 780
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<210> 6909
 <211> 355
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6909

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 ctcataaggc atgttttgat aaaggcgtag tcgtgaattg aacattacat tacggctctt 120
 actttccacg tcacagctga ctactcaaca tacttacgga gggggccgcg actgctcgtg 180
 cagcgacgca aataatccgc tgacatgctg gtgcggaact ctttntaat cacaaaaggc 240
 gatgattcac gccttgacta accgattctt cgcgacctag gcccactg aagaaacaca 300
 cccgatgate atgcggccgc agcaccgagc accgctgacg ctgcagctca actaa 355

<210> 6910
 <211> 674
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6910

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 cagccttctg agagccagca gtcggctgca ggtgccagcg cctttgggac aggcattgact 120
 gatgtctttg ggcgcagtca ggccgggttc ggacaaaacc agcccatcgc ccagcagact 180
 cccgtttcat cggaagaaac caaggctttt gacgcttcca agaccggtgg accaagtcct 240
 tcgtgtccc aggccaaccg ccctgggttc gcgaccaaca ctccaggcca atcccagagc 300
 cagaccggtc ttccccgctg cagggtcagc aaacacagca gggcttttgt ggttaccctc 360

acctgaaccc tcagtacggt ggtcttgacg gcctcggcgg gcaccagaca gctgccaacc 420
agacccatca ccaggcgacc gggtatggca actacggtgg tgccggcttc ggtaactact 480
acgggaacac tggacgaggt ggctggggtg gtaactatgg tcaactaaagg atcaagctct 540
gatgttccga ggtaatgaat ccttcctttt tcatactact gtcagggcgc ggatgatccc 600
tggactctac atcccagtag agctcacttt ggcgtgtgcc gtttctctat actattgtct 660
aaatcgctct ccgg 674

<210> 6911
<211> 947
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6911

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taagagctcg tgttgaaagc aatgcttgag gatcactgct gctttcctca tcggcaattc 180
tcaaatactg ctacttgagc gcggatgaga caggatgatt aggttgtgct cgaatcctcc 240
gcatcatttt ccgtttcaga ctgatgcgac cggctcttct ccgattgttg aagaggccat 300
cggcactctc agtccttgat tccctgggtt cgtctccgcc tggattgaa catctggagt 360
ctcgattgca taaaacatgc tttcattgct attcttccct gtcagcgtcc tcgaatcctc 420
agttccgcac accgcgactg ccgcggagg ataaagattc tgatgtctct acgattcctt 480
cgaattttca ctttcacccc attcaaatac agccagcaaa tctaccctc gaaaatgaga 540
ttacgggtaa tgcgaacgga cagcaatcat tatggaagga tttagggaca cagctggaga 600
gattggatta cgagtctgat gttggtcata ccgatgatgt cggcacgcgc ttggtggatg 660
accagcaca tcggaacgat tttgagcttt ggctagagct gctgcggtac cgccagcgtc 720
actatggaga cattggcact ttgcacatct gggagggaaat gactaaccgg tgggtgggct 780
gcagcttctt gtggacggag agtctgcaga atcttctncc agagctttgn gattaccgcc 840
taaatgcgag gcgacttaaa cagggtgtgga tacgcgtgga ctggacaatg acagtaactt 900
gccaactttt acaagcttgt ggactttgaa acttggatgc aacaact 947

<210> 6912
 <211> 473
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6912

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 catggcccat ccgaaccctt ttttgggtctc tctagcctga ctctcgctct ctttcgcttc 120
 cgattaccag ttgctgtgta tcgaaaggaa aaaaagtga gaaaaagcaa tcagggtcag 180
 ggccgggccc atagctgtcg ctctctctc cccccccac acgtggctct tgaggctcta 240
 gtgccataac tatatatata tatatgctta acggtagctt gtcaattgca ctccatcatc 300
 ctcttgagtt ggcgttctgt tctagtcctt cgcaggcca gatcagccca cttgatatac 360
 ttccatctca gaccagctcg cgactccgaa atgtccacc gcagaggcca gtcttcacgg 420
 aagcgtccct cgcacctgcc tgcgattgac ccaaggatga tgtgacactt tga 473

<210> 6913
 <211> 545
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6913

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 ctgtatctgt gtatcactgg gagtggcagt ggcactggta tcgaggggat caatgcctgt 120
 atccgtgtcc acgccgacat cctcatctga accgacgtct gactcaaagt cgggttctga 180
 agcgtaccgc acgtgaactg tatgcgggat gtttgtacct gggaaggcat agacattgtc 240
 atccgtgtcg tgtgtatcgt cgtcgttggt gtctacgcgg tccccctcca tgttcattcg 300
 ctttgtcttg aggaatggga tcgaaagacg aaagacgtac ttggatttga cgcgtgggt 360
 aactcccatt tttcttcaag aatttcttgt atccgacaaa agtgggtgga tggcaggtaa 420
 gaagtgtgtc aattggagta caggcaatct cttgttctgt ctgctccggt ctgacttgtt 480
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 atata 545

<210> 6914
 <211> 455

<212> DNA
 <213> *Aspergillus nidulans*
 <400> 6914
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 ccaaacaaac gggggagggt taatttcaca ccttcaacag taccactcac aatcaacact 120
 gactcgctg cctatcccat aataggcaac acctttaaca cagtggacaa aatttcaacc 180
 attagacttg gtacatgcca atcccaagcc aaacgaggga atagaagctc tacaaaacgc 240
 cttactcaac gagcaccggc acatggatgc ttaagtaaca tactaatact ttgacaaaca 300
 aaacctgact gcaattcata tcgcgctaga gtacatccac gaagctgaag ccaaacaagg 360
 tatcaccgat gttgcaaata ctaccgagga gatctggctc accactaagt tggccaacat 420
 ctgacaccaa cgtttaatca aaagcttcaa cagct 455

<210> 6915
 <211> 571
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6915
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 atgctggtgg atgggggagt aatggctagt cagccaaggt atagcacgca tagctcacac 120
 gaagaacgaa cagaggtgta ctatggcgctc taaaaactgt accatcatct ttaaaagacg 180
 aagtgcctgc aaaccagaaa atcaaccgtc aagatctggg cgataaggag cgagctgacc 240
 ccaagtatta acctaccatg catcacgagc ttgaatcaat gaaacgatat gaggactgcc 300
 agcacgctat agctccagga ggcgtgacct atattcttgc taatgcacac gaaaccacta 360
 tagctgatgc ccggaattgc cggccttttc aagggatagg cactcacact aaagggcatc 420
 aatgcgtcgg cagatccact acaatggtga acggcgaatg actgcgacat gccatgcaac 480
 cacggccggc tgggccgcac gctcttagaa catgctccaa atgcgctgag ccagacgaca 540
 tggacgaccg catgtccctg ggtctgccga c 571

<210> 6916
 <211> 498
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6916

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tctctcacct tgtcagtaaa tgtcacttta ccttcacct gatgatgact gtcttgcatt 120
ctcgatgacg ctgtgcttca cgcagcgatc ctcagctcca gacctgcctg acagcatcct 180
ctgcccataa acacacgtac ttctgaaaag aaagatctac aggtaggaca cagctgtctt 240
agccctgggt ttgtactgac acagatttcc agcctactta tttagacagt ctttctcaag 300
tgtttgctgg gctttcttat tattcatata taaacagaaa ttagtgtgtg gcatcacttt 360
ctgtcttttt actttcagtc tatgccctta tatctcgttg tgtctgtaaa tatatagttg 420
cttttcttgg agaccaatct gcctttcaga tatctagttt cttgctatct atcatgcgtg 480
ctgatgtatc tgagttaa 498

<210> 6917

<211> 586

<212> DNA

<213> *Aspergillus nidulans*

<400> 6917

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gataagggac agtgaatttt gcccttttag cgcattcttg catttcttct ccccttctag 120
cgaagcgaat tattcaatca gtctggagtg cggggttgct atcagtcac cctcggactc 180
caactgtcca gggttgcatc cgagtattca cattctatcg agtaagcttg caaaaatgaa 240
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tcaagaaaaa ctctttggta gaaatcacca tcgaccgcc tataaagtca gggctaagat 360
ggccgcttgt gggccggcaa tgtatataga tagaatgcaa aactatagga ttctggttcg 420
gcttgaggta tcgaccggtc gatttgccaa tgtttattct catcctctc cattaacaca 480
aagtgcacta taaagtgcac tccaatgttc tgcacagatt gatgttcttg tgccacattc 540
gaatgcttcg aaaccacatt tacgggtgat gccctacgat ctaata 586

<210> 6918

<211> 842

<212> DNA

<213> *Aspergillus nidulans*

<400> 6918

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gaattttcag agtttagaac agacttccat ccccaattga gtagctccta catatttcaa 180
tgctcagacc tccacctttt ccctgttata tgcaagaata ccgtcggcgc aaagctacac 240
ccgacaatca gcgccgtcac gacccccgag ctctttgcaa cgcccacgct ctcaaacatc 300
gacgggaacc aaaacggacc gataaacccc cacgtcgacc gaacaaaatt gataaagacc 360
cctacaccac cggcatcttg cggatagggtg tcgaccgcat acgtcgtcaa cacggttgta 420
acaacttggg tcccgaacgc cccaaccca gtccctacaa tgggcgcgac ccgccactgt 480
ccctcggggg aatgctcagt gcagacgaga aagacaacca tgccggcaat agtaaccagg 540
taccggaagt agctgagcca gagacggaac tcgggtgggg gacggccggc atttttggtt 600
ctgtgcatga agtgtcctgc gcggctcatc cagagatcag acatgacacc gcccatctgt 660
tcgccgagga gggagccgat gatgagcccg aggaactgga ggccgagttg ctgcgcgttg 720
agggcgaatt tctcttgagg agttgtggga cttcgacccg agtgagcacg gaggcgaaga 780
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cg 842

<210> 6919

<211> 782

<212> DNA

<213> *Aspergillus nidulans*

<400> 6919

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gtctcattac ccctcctacc gaatatgctt atgccagct agaaaagaga accgctagcg 180
caatgtgaat atctgttagc catagcatgt taaaaggaca gtaaggcctc gcgttttttag 240
tccaaagccc tcggaccctt tgtgcctggg agctctgcct cacaatacat ttaaccagca 300
ttccgtgaat tggaatatca agctccaagc cacctgcata agggtcggat caatcgcggt 360
tccatogata ttattgcggc gtgggcgttg agttcccaac gccggcatgc aaccaatctg 420

agtaagaaga ttcttcttgg ggcactgatg gacgagtggc ccttggttaa gaatgtgctc 480
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 gaatttgccg agtcgctcgt gaaagggttg ggcttaagct gccagactgg gggttatgct 600
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 aaggtattgg atatggacaa cttgaaacct tgagtctgcc gagcccggcc attataccta 720
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 ag 782

<210> 6920
 <211> 620
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6920
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 ggttgtgaaa agaacagagt tgatatagtc ccccgagcta tcgatgcagg ctggaagagg 120
 accacaggat gttgacaatg ggcattggagt ttagacagag caaaagacga ggtcagaagt 180
 ggttcatgat ggggaggagg aagaggaagg aaagatgggg gcggcacggg gaaacaaatt 240
 aggaagggtt acaatgtcac ttataaaagc cctcaattgc tcaattcatt cttcagcccc 300
 cagccctttt ggaagaccta gtgtcaatgg ctctacgga aagtcacga cttgcgggca 360
 gaagtaagcc ttttcttcag cgtgtgagc ggatccaaat ggaaaacatc acccaaccag 420
 gaggtcctgc ttgctgcata tttcatattc tgaattgact ctacagagg ggtactaaaa 480
 tgtagcgtgc aatttgaagt tgagggtcac actaaagccg gtattgtccg ccacatggtg 540
 ggcttgtaag gactagtttt tgcggactta tgcataaagg gtacttctgt ctctcccata 600
 tctttctaac tcagttttat 620

<210> 6921
 <211> 489
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6921
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gtcatgatat gcttcgaagt ctgctcatgg caacaaacgt ggatgagatg aactgccttc 120
attatgcctt caaagagaca ctgattgcag taatgccatg gaccaacaaa aagtctgaca 180
agttcatatc gactatgtca atgatacaca aactgctgga atatgcagat agcgagattg 240
tcaccgcaaa agatgccctt gggaacacac caatccacta tgccatggat tacagactat 300
gccacattgg tggcgagtac cgatttgacg ggcatgacca tagatacgaa gatgtcattc 360
gaacgctcct aagcaaagct gagcctgcga tgaagaagcc agatgtactg ttcaattgtc 420
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agcaagagg 489

<210> 6922
<211> 517
<212> DNA
<213> Aspergillus nidulans
<400> 6922

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cgtgcccagt ttcagtgtta caaaataatc cggagtcccg acctgagcca agagtcccat 120
ctttatatcc gaacaggtct caacgtcgcc ggcagccctc gactgaacgc ttgctaaatc 180
cacgccagaa ccgcttatct gccccaaatt atcacatcgg cgtttgctcc gaatcgcccc 240
tcgatatacc gctcgttaga aaccttctc ttgacaatat taccactctc tcctgacgat 300
ctgtttaaga ctcaaaggca caccgcatac ttgttagttg catttcgggt ggacggccgg 360
agggcaatcg acagtctacg aggggtggagg tgtttcgagc ggtaacgtgg cctggctgga 420
cattggaatc gtacgctgga aaacttcgtg ccgtcactac tgattttgtc tgacaattaa 480
gtctggttta tgtctgttcg ttcgatattt tgagatc 517

<210> 6923
<211> 615
<212> DNA
<213> Aspergillus nidulans
<400> 6923

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aatcctggcc gtttttcacc tatacgtata caaaatctgc aagtgtgata ttgtaaaaaa 120

gaaaaagcgc ccaaacagta ctcagctagc tgaagcagcg atccacgggt agacagaacg 180
 cccaccggag gctgcgcaat accagcgtgg tttcatagga catgacatct tgaattcctt 240
 atacatggaa tgcgttgtgc tgattctcgg aaagaggatc ggtctcttag gttaaggacc 300
 aatgattcca tctggctctc cgcggtcccc tacaattgcc agatttaaag aaatggcgga 360
 aaaatactgg ataacaatta tttttttatt taagggttta ttgcccccc tctctttagg 420
 cttaaaagga tttttggcaa tgtttgataa ccaattgctt tgtgggttgc ctccggtaac 480
 ctaatgaaga cccctgcctc ttcctgtaaa tgtgatttta cttttttaat tgaaaatgta 540
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 gttgtatctg atttt 615

<210> 6924
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6924
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 catgtcaata tagctgttgc caagatgcca gaaagtgaag gtgttgaaga ggccggtaaa 120
 tatatgaaga gcgaatttac cctttaggga tcttgtagt atcatctctc aatgcatgtg 180
 atgggtttac ttgtaagggt agagggggcg gcgtacgatg ttgtactggg gtgtcctcca 240
 atacgcagtg aaagagcgtc tggtaacagc cagaatctgt acccatattg gcattgcgta 300
 ttcacggtea tegtctttat ttcgttcttt ctcatgttc cggcgcattt caaccacctt 360
 gttaatttcg tcggagagct tcttgagtt ctctgagttg gccagacgt cggccagtc 420
 ctggcctttg tagtttggat ctccggcgcc gataacctca agcatatact ggacgttatt 480
 agaaaaggcc catccctatg aactgtggtg gcgagacg 518

<210> 6925
 <211> 511
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6925
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 tttagtctct gaaactctga ttgggtttct aaaactctga gagccactcc tgattctgaa 180
 acctcgtctt agcgggagaa gaaacctcag ttactgaag aaatgagttt agatgaatgt 240
 aaaacctggt gaactatgaa cgttttagttc ttggcgtata attaaaggac aagatcagaa 300
 acagattaaa tcaaaacctg tcaatactcc gagggacccc agaaactcca ctgagtacga 360
 tgcaacgata ccttactccg tccatgatga gagtcaagaa acaccgcgga aggatgagat 420
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 aagcactccg atacgtatga tagagcagat c 511

<210> 6926
 <211> 491
 <212> DNA
 <213> Aspergillus nidulans

<400> 6926
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 cgtctcccgg ccgcagtcgc cgtgtcgggg aagtatttgt tggccaaggt tcgcgctccg 120
 gtcgatcgga ctatactcc tccgctagca acgatgacga gtgggaggac atggattcgg 180
 agggacaggc gtcgagcgtc agttccgccc tggcattcgg cacaagtgga cattttgcgc 240
 gtgaagactc ccactcgtca gattcgtcta gttctggatg gggctgggga tggggatcaa 300
 agagcaagaa aacgaagaac aaatcgaaga ggcggccaag ctgcgccccaa gaccgcttcc 360
 ccgctgggtac tgctactgcc gtaatgactg gagcattggg ggcagcgtct tctgggtatc 420
 atcgaggaga taaggagtct agcagcagct cagcgagtct tcaacacgtg gccccagtac 480
 ctacttcgga t 491

<210> 6927
 <211> 743
 <212> DNA
 <213> Aspergillus nidulans

<400> 6927
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 acgtggtaga tcacctactg gaacttgatc cggggcttct tggagcttga gcacttgctg 120

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 gggctcttca cggggttggc gctcacgacc gcaccggctt ggaagtgtta ggccggagaa 240
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 cgttgctttg gaggatattg ttgaggcacc gattacgata cctgggatac ggacaagggtg 360
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 aagttggtgg gttggaagca cgatatctcg ttgcgagggg tagacaattc gctgagtaca 480
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 aactcttcgt ttaggaaat caggtgggca atatcgatgt cgcagtaata atgtttgacg 660
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<210> 6928
 <211> 925
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6928

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 taccttgccc agctccaggg taaaagctgg aaccctacta ttttaaattgc gaatcgtttg 180
 gcttggtggg aaagtggat tctgcttccg ttctgaagtt ggtgctgtct tgtttatacg 240
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 aactgagcc tgtcgtggc gttacttgga gcaaggacta cactaccgat ttgtctaagt 360
 ggacagagtt gatattgat tgcaagtcga gactgctgtg tgccggacgag atcgtggtag 420
 gcgaaacgtt tcgacagtgc ttcttggggc ctgcgaaggt gatatcgagc ctgattacgg 480
 cctgggggct ggtgctatgg gatattgtct tgcaagcggg gttctcgtat cacgaaatat 540
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atcgcgagat caatcccccc tctgtttctt ttctgtaggt aggtatatac ttggaacaga 720
acaacctctc tggaaactag ctctgtgatg ctttcggccg gngctggtga gacattaaat 780
tagttgtgga aatagcagtt ggttaccaga cttttacatc agttagcatg ccagttggtc 840
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ctatggttgc gtgggggttta tagcg 925

<210> 6929
<211> 545
<212> DNA
<213> Aspergillus nidulans
<400> 6929

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cttaacataa taggaacctg gcccagttcc ctaacctgct ccgtccagtc tccattgttg 180
acgcgatact caatcttcgc gcggagtttt ccacgatatg tcgcatgcct ttctctgcac 240
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ccctccgcta gacgctgttg cttttgttcg gcagtttcga caacctcgtc aagaaacgtc 420
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gaggg 545

<210> 6930
<211> 534
<212> DNA
<213> Aspergillus nidulans
<400> 6930

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ctaaattcgg agttgaccat gttcccaagt tccaaaaccc cccacgcgaa gatggaattg 180
caaaggctac tcggaaacgc aaggctgctg aacttgaagc ggctagtcga gccaacgagt 240

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ccacccacg aggtcggggg ggtcgacctc gcggaagggg tgcagctcgt ggaggttcgc 420
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<210> 6931
<211> 534
<212> DNA
<213> Aspergillus nidulans

<400> 6931

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gataggcttt gaggccgacg tgggtggacc ggctgtcact cacaaggaca atgatcatgc 180
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cgaggaggac gataaccgca atggccgctg acagtctcaa tgtgctgtca tccgacgccc 300
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aacacgaaga cattgctgcc gacctacaga atggcaccta gagtgcttat gatcggacca 420
tatatagcac cgcgtatgac ggtatgacaa cgacctggca gaaactgtgg ctctatcatg 480
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<210> 6932
<211> 509
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6932

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ggggaatggg aaaactagaa ggccacactt ataatcctaa accacgactg tgtaaacctg 180
gactcactca actattacat cgaacataac cgcttgacaa acacagggtca gtgtacacca 240
taacaagcgc gagaacatcc tcgacattgc taaagactat aagaatatct gtctgaccgc 300

tacgactcca acacataata cacactagcc agacgtcatc atgtattcca ccaaatagaca 360
ctcctgacca cgagaacttt gatggaaact attcgaaaca aaggtgcact ttcattcctgt 420
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aactctgtac gggcatgagc ttcaggatg 509

<210> 6933
<211> 756
<212> DNA
<213> Aspergillus nidulans

<400> 6933

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atgatggaca cagtatcgga ttggtagca tgcataataga acattaatac agcaccgctc 120
tattttccaa cccggccatt cgctatatac tcttttagct gccaaaccag agccgagcga 180
cgcccaaagt catgcttggt catcggcacg accacacttt cctctaaacc aaaacatcat 240
agcacgagac gtaaaggaga atattacctc aatacaccac cgacaccgac ccaaccaaac 300
acaaaccac taagggcctc ccctagcacg ccacctccaa accacacatc cctccaggca 360
cccttcgcga taccactccc tgcattctta acaatgccat ctttttgac cacaagacct 420
tcaatttcgc ctcccgcgcc aggaaagtac ccacctgcgc ctttccccgc cgatcggtag 480
aggagcgcgga gatggaagag accagagact gtgatcgatc cgaggaagta gaaaatgaag 540
ccggcgcgcg attgaagcgc taggattcct gctgttaaac cgaggaggaa ggaggtcagg 600
gagtgaagct gggtaggac ctggaatcga ccttattagt tcagtttgac tttaatggca 660
taggcggtgg gactgactcg gttattgtgt tggacggatt cgggaacaag cggattgatg 720
aggagggaga gtcactgttt tgttgaggc attttg 756

<210> 6934
<211> 447
<212> DNA
<213> Aspergillus nidulans

<400> 6934

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gagcggcgag gtaattagtt gcgtcccact ctacgccgac gacgtagggc gcggcaggaa 120

cagggggacg aggtgcgga aagtgacgct cacggtaact ttccaggctt ttatcagatt 180
gcaccacggg gattacgttg aggtggtgca gaaagatcca gaagacctcc ttggtgacgt 240
tggaatttc ctgcaccag acgcggtagg ggcgggattg gtagatattg gcgatgaatg 300
agagcggttg attttcttct ggggggtctc ggaggtatga gaggatacgg ttggtgcggg 360
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accgcggtg gtgactcgct agggcct 447

<210> 6935
<211> 539
<212> DNA
<213> Aspergillus nidulans
<400> 6935

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tgtcggttgg tgagtcggtg aggggtgtgta tcgatgagtt ggatagatta attgttgac 180
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cagtcgtatc tgaggtaggg gaaagccgag cataaggctg gggtggaagg gcggctatat 300
tcggatgtga cctggggggc tcttgggtggc cggatgcacg acgaggcttt gctttccccg 360
gagccggctg tgaccagtt actggcagag acaatccccg aaacttgccc cgactagcca 420
ctccaacgcc ccatgtcaat gttgtcttat acccgcacac tcgaccccat tttccaggca 480
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<210> 6936
<211> 811
<212> DNA
<213> Aspergillus nidulans
<400> 6936

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gaggatcacg ctatcgcat aagggtcgcc agaggcaaca ctgtgggtga aggagagctg 180
cgagggcgca tagggcggtc ccgaacgttt gacgagactg cgccgcgtga ttttggcagt 240

gtctatgccg aggttgatgt gatccttggt gagagagggg ctgcggtagt tgaggttcac 300
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tgtggtgacc attttcgctg tgagctgctg cagagctcaa tgccagaacc ttgactgcct 420
tgtctcgatt ttgatacttt cgatgagatc tggacactac actttgagcg ggctatttat 480
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ctatccgagt gctggaaata taacaccaat agcaaacgca ttctcagaca catggacagc 600
caggtaccgc tattcttgcg ctggatcctg ctctggagga cccgcgagat ccgagatcca 660
gccatggtac attgcgatag acgagcaccg cggacagggc atgcatgtag ccgaagattg 720
gaagcgaggt tagattgaga gcgcggtcag cccagatgaa ttggagaaac gaagcacaag 780
cattaacatg acatcgacaa gttttttttc c 811

<210> 6937
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 6937

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ggaaagcggc tggcatctgc gtaagctggc gagatcctag gattctttta gacgtcctca 180
ccattcctcc cgggtggcgtt gggatccgac tccaactcca gtcgcgactt tgagccctct 240
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aatgttggga cagagcccat tccgccaac ggcggtttt tttaccatt tccgaaccc 360
ctatttccat cctctcccg ctcggatccg tattccgaag gagccacttt catctcagga 420
ggtgtacatg catcaagaac gggataaaat aacacaagac ccaaaaaagt gccgggtggg 480
aaagaattca cgcgaacaga cgccgcaaga tttcctcctg cactaaaccc tccaattaa 539

<210> 6938
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 6938

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agggttgctt cttgaagtec gaggatctgt tgctcgaaaa ggcacaatat ccgtacgata 180
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aggacaatag atcccgcaag taaacctcaa gagtccacag gaacaaatgg aggagagtct 480
ccgaacggct ggctagattc ggccatgagt aggttcaaca gagttcacga ccacgatatc 540
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gagta 605

<210> 6939
<211> 797
<212> DNA
<213> *Aspergillus nidulans*
<400> 6939

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tcagcgcatac aagcggggctc tgccagatag tactgctcaa aggatcaacc gaaatccttg 180
ttgctgtgcc tgagtaacaa acagtcccag tggttgcagg ccagataaac agaataaact 240
gcaataattc caacgctaaa atttggggag aagcaaagaa gcagatgccg aagagataac 300
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cagctatgct acgctgagac gcaccggctg agccacagcc ttgaggggtga cgaccgcga 420
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cgcttaatct ggtggagctc gaggaaatgt cccaaagatc caaggctggg tttggatcgg 660
ctgatcaaag ccgtcattgg ccaagcatag tggatacgt aacaaatcga tctccgggct 720

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cccaaaggga ccacagt 797

<210> 6940
<211> 1640
<212> DNA
<213> *Aspergillus nidulans*

<400> 6940

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ccaagcatcg caccgctcta gcagtcgata gtcaccacat ggctcgatgt tgggaactcg 180
gatccggaga gattaattta attgactttg cagtagattt tgacagagat cgcgcaatct 240
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 gaagtttggc atggaagtgc cacgaaaggc caattttttt caaccccgaa agcgtattgc 1560
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<210> 6941
 <211> 691
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6941

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 gaatatatta cgcggatcat gtcgggtca gagatgctca acgcatttgg ccctatccgc 360
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<210> 6942
 <211> 745
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6942

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ctgcgatacc ccgtatgaca ggcgtagacc ttcgtgaatg acagcagtca agtacggcag 180

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cgaatgctca gtcactgata aacgggtctag cgcagggtat ataaacatac ggccgttgtc 360

tcggtgccag cggcgatcat aagaaaacct tccctccca atcgctgggtc tgttttctct 420

gcttctggca atggtgcgtc gagaagcgca gcaaacagac tgggttgggt ctcggtgatg 480

cctctcttgg agtcttgctt agcctttcgt attcgggcag gcattctctc gtttgactcg 540

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gtacttgga ataacgtccc gctga 745

<210> 6943

<211> 493

<212> DNA

<213> *Aspergillus nidulans*

<400> 6943

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atgcgctaca taaaataaag aaagcaaatg aaacgaccga cgatgtgcta cagctgaaga 180

tgaagggctt cctcatctca agacggacct gctaattaac taggccaaaa tagataccag 240

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tatataccat agtaaatcaa cacttctagt ccggcactga catcgaagct ggcacagaca 360

caccagcat cttaacaca gaggaagat gcaagagcga gaggccgacc gagtaactac 420

gcattgtct atctaagcca tgactgagt gaccagaat gacatgactc gctatagaaa 480

cagtgccaga tga 493

<210> 6944
 <211> 473
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6944

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 gaattcacca ttccaaaatc cagaaacgaa tcatttaaca tgtcatcatt atcgagactg 180
 ggtatctgtg ctttggaaagc ggaaacagaa gcagactctt gcatcatgat atcggggtcg 240
 aggcaccccc acacaggtag agactgagga agcattgaga actcggttgg ttctaacgta 300
 tatggttcga tttcataacc ggggagctgg tgttggctct gaccagctgt gtatgaacct 360
 gtacctgcac ctgaagtttc ggcaggcgta gggggatagc caccattctc aagtcttgat 420
 tatatgtgtg ctctcgttgt caactcaaga ccgtagatcc aaagacatca cta 473

<210> 6945
 <211> 909
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6945

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 accctatcca cgccgaacc ctcatggtct atctcttcg taacggcgac tatgacgct 180
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 ccaactgggc ccccatgatg agtcgcgagg atccgccgat ttggcttgag ggagacctcg 360
 ttgccatct ccgggactgt cttttacttg ctgacgaaag aacccagcc agggctgcgg 420
 aggggactca gagtcttttt gcaaagctgt ggcgggcgtg cgagagagag ttgaataaat 480
 cggaggtagt atagtgaat tctcgtggcc gtagtgacca tctgttatac ccattattct 540
 ctaccattgt agctatatgt actctactgg atatcaatga attgcagcga gtttcacgctc 600
 ccgattggct tgtgctcagt ggaaactgtg cgatctatct cagctttcac tcaacctca 660

acccaccaga atacaataag aggagagcct ggcgaaacag gagtaggaga taacttatat 720
 cagccattgc aaattactgc ctatttgact ggacgtaggt gattgatgct gactgatcaa 780
 ccacgtgccg aggagcctcg gccagataa gacaaccagg tcggtcggcc tctccagccc 840
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 ttgcatcaa 909

<210> 6946
 <211> 569
 <212> DNA
 <213> *Aspergillus nidulans*

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 catcttttgc cctcgcgcaa gaacatttcc cgccccgtcc ttgggtccgat caaaccagcc 180
 gcgacgatct gccgcctcgg gaccccacag gggatgatcc agaagcgctt gcacgtactc 240
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 gtcgttttcg gtgcgtggag aagggtgggtg gatatctgga tgaagaaagc cgaggatgcy 360
 gacgggaagt gtggatggcg gatttggcat cggttcgtga agaagccgga ggaccgagac 420
 tttgcgggtg gtctgtgaga gagagactgg gcctgcttgt tgagagccat cccagagtcg 480
 aactgagaga ataatcatct gccagatgtc ggggctgggt cgagcccaac cgaagaagta 540
 gccacggagc ttgcttgaat acagaaggg 569

<210> 6947
 <211> 647
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6947
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 cattgatcgc atacgctcat tgcataatat aaatccatcg ttgactgtga actgcccgtc 180
 ctaacgatct agaatatgct gagcgtggat gcctccattg gagtctgacg ttaaaatccc 240

tgcaaacaca cttgcctggg atgaatgata aatgggtggat ggcatttcat tggagtgcgg 300
 gacacatcta agtgaggttg tgcactctat ttgattacta tctgtctaca atcgactgac 360
 cactctgcac ataaagttac tgatggttat tacctgaact taatatgaca tctagctcct 420
 actctgacgc catagtggca tcacacgtct ccttgaaagt ctcaatctga tgcactttct 480
 ttacaggttg gcaagcacat acaccacctt acgtgggtcta tgtcgatgat agctggccct 540
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<210> 6948
 <211> 1022
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6948

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 tcagtcaaag gtctagcaaa gaaacagtct attctaaaca atgcaaagaa ataacgccct 180
 gccttatcac atcacgccta actcaatgtc attgctctga tgaagatccg actgtcgtct 240
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 tatgcataaa atacagaata accagaaacc tttggatatt cgtaccccg atggcgcggt 360
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 gctagaatth ggtgtaccac tttcagtttc ggcttcagag gtagcaatth ctctcgctga 900
 cgtgatagtc tgacaagcca atcgagcgt gtatggttct tctcatccgt gaacctcgcc 960

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gc 1022

<210> 6949
<211> 566
<212> DNA
<213> Aspergillus nidulans

<400> 6949

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agagcgctca acggatcctt tttgcctccc ttggtctcgt ggatcttcca gaagcgtgtg 180
cccgtatcaa ccgcgccag tgtcttatca gcatcgaaga aaagaacagt ctgcagctca 240
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tcttgccacc gacgcaaagt ttcactcgac agattcgaac gcgccctttt ggtatcttcc 480
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cgccaggtca gcctgagagc aaaccc 566

<210> 6950
<211> 551
<212> DNA
<213> Aspergillus nidulans

<400> 6950

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cagtgcgcgc atcgcccgcg ccccttctct ctogaactgc ccgactagtc tttcgattc 180
tcgtttgagc ctttcttctc cattctttgc attccatagg atccattctt ccaccgtcat 240
cttcttttct gggcttgatc gatccccctt caggttggtc aatgcacctt ggagatcgac 300
attctccttg tcgctagcac cagccatcag gatttcatca atatcaatgg gaaccaggg 360
atgattgggt cgaagtttgc ccgtagaagt atgatttcgc tttggggaag gagtactcgt 420

cgtcagagga aatcgaacag aggcattttt ggagggagac gacagcggcc ggtgcgctgg 480
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tccctagaag g 551

<210> 6951
<211> 581
<212> DNA
<213> Aspergillus nidulans

<400> 6951
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ttatacaaaa agaatactct agcatgatgt atcaaccgtg gggaatatca tgcggtgtgc 180
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gcgccataac ctgcgctgc gcatattatg gaagagtggg acccccgcgc ctgcccttaa 300
aatacattgc atgccattg ggcctagaag accatgtact acttccaact catgttcact 360
ggcttcacaa ctctgtgaag ggactcctta acagctgtca ctgtgacagt gtgacactaa 420
cacgttggca tgagaagact gtgttggatc acgcagttaa ccggtggggc aaaaaacact 480
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tggggaggat cccttcaca tctatggggg ccttcagcgt t 581

<210> 6952
<211> 633
<212> DNA
<213> Aspergillus nidulans

<400> 6952
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cacggcatag aaacgttcct acccccaca tggtgcggg gaggagctgc aggagtgtcg 180
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agcccagaac gacccccaac tcgctgacag ggctgggata tctgcacgaa gtcaagcaga 300
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caactctatc gtgacaccgg gtcccatgcc acatatgacc cggctgggat acagaccctc 420
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cgcaccgate aaatttttct gacccatcat tccttgggac cggctgaaaa tttccgcctt 540
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<210> 6953
<211> 836
<212> DNA
<213> Aspergillus nidulans

<400> 6953

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gaacagaagg attttttgaa gcagactggc gtccagccgc aaaatgctga acttcccgcc 180
tccggtatta cgggcgatac cgctatgagc ccggctgccg gcacccctcaa gcaggctacg 240
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ccccgcgttc tcgacgctat gcttccgtac ctcaccgcta tctacggcaa cccgcattca 360
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attggccgtg ttcaaccgct agaggagaat cgaaagcttt gccgctccag gaagatcttc 780
tttcacaccg atgccgctca ggccgtgggc aagatccgat cgatgttaca agataa 836

<210> 6954
<211> 799
<212> DNA
<213> Aspergillus nidulans

<400> 6954

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 acgaccaccc cagggacaat tcaagtcgca tctctgcaat atgaaacggg ggtgggtgtt 180
 cgccaggttt gatgactgtc cacttctccc aactgacgaa ggagtatatt gcgaatgtgg 240
 aatggcggaa gaaggggtgtg gaaggcgtag gacgcgatgg tcagaaagtg ccttacagtc 300
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 ccagctccac aaccgtactg tacatctggg gcaaggtata ttcaacgagt acgtcagaat 420
 cagaagagat tcttcatttg ccttcttata acttgaactt atcctgactt tcattctgag 480
 ctgcggataa gcgcaagccc ctatacttta ccagtccact aaaatttatt ttaccagcac 540
 aggaaccata taatcacaca agtattacaa tcgtattctt tccggctgtc gtcacaggac 600
 aaaagattaa gcatgtcagg aaatagcctg gaagtccgcg cgtccaaacg aggaaaagta 660
 gagcttccat gtcttctgga tatttgacta ccggtttata gtggctacct atatttatat 720
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 aacaaaagtc caggggttc 799

<210> 6955
 <211> 850
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6955

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 ctcatgttca ggtgcaaagc gtatctctag tatcgccggg attctcggta tcatcaagtt 180
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<210> 6956
<211> 552
<212> DNA
<213> *Aspergillus nidulans*

<400> 6956
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<210> 6957
<211> 751
<212> DNA
<213> *Aspergillus nidulans*

<400> 6957
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 caacaacctc ttgctttgct ttgataagac g 751

<210> 6958
 <211> 1389
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6958

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<210> 6959
 <211> 1501
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6959

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<210> 6960
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6960

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 aaaagagcag caaaaatgtg aaggaaaact aaacattctg cctagcttct aaacatagcc 180
 taacttctaa atgctgccat taatatgtaa agagtgaag taacacatta attaaatatg 240
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 cattgaaaat gacactatca attgacagtg tcagttgata tgacactgtc atatcaacca 360
 agatgaaaag aatcaggatt tagagatctt agaaacatgg gcaagacatt tcaattcaca 420
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525

<210> 6961
<211> 879
<212> DNA
<213> Aspergillus nidulans

<400> 6961

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<210> 6962
<211> 471
<212> DNA
<213> Aspergillus nidulans

<400> 6962

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tgggttcctt gaccctgggc atgggggtga gagggcgtgc cagaagcaga ggggttgcca 180

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<210> 6963
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6963

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<210> 6964
 <211> 494
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6964

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<210> 6965
 <211> 763
 <212> DNA
 <213> Aspergillus nidulans

<400> 6965
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 gattcactcg caccgatgat gccagaacat cttgtgatgc aacgcaggat ctaaccacaa 660
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<210> 6966
 <211> 644
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6966

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 ctcgagcgtg gctgatagat tggatccaat aagaaacagt agccgagtga gtggatatac 600
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<210> 6967
 <211> 1028
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6967

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tatattgtgc acagtataat cagctgatag tgtcaatcaa gtaccgacta tgctgatatt 960
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cgaggcat 1028

<210> 6968
<211> 511
<212> DNA
<213> Aspergillus nidulans

<400> 6968

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gacgaaagaa ggcaagatg ccgaaggggg aggaggggca tcaagatgga aacaaaagag 480
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<210> 6969
<211> 592
<212> DNA
<213> Aspergillus nidulans

<400> 6969

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tcatacttaa ccaaccaggg actgagctcc gtacaactga atgggtcccc tgtgtcagtc 180
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ctccgtgttt gatatacata catacatatc cccctcctt cegttcctac cgttcctagt 300
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<210> 6970
<211> 666
<212> DNA
<213> Aspergillus nidulans

<400> 6970

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gaaccatcat ctcttgatct gctggtagag atctcagctg agaacacaag gtcctcataa 180
cccctgctcc acaggcaacg gcgccgagcc tgctaaccag cctgatgtat aggaagacct 240
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gaccaactg atgagaataa atgtgatacc tgtttctttg cacatgatac gtagattctc 600
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<210> 6971
<211> 579
<212> DNA
<213> Aspergillus nidulans

<400> 6971

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<210> 6972
 <211> 709
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6972

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<210> 6973
 <211> 598

<212> DNA
 <213> Aspergillus nidulans
 <400> 6973

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<210> 6974
 <211> 572
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6974

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gagtggatgat ggagtcagtg acaggggtga aggtgggtga gccggcgtag gtaagggcag  180
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<210> 6975
 <211> 1073
 <212> DNA
 <213> Aspergillus nidulans

<400> 6975

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<210> 6976
 <211> 839
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6976

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<210> 6977
 <211> 646
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6977

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646

<210> 6978
<211> 533
<212> DNA
<213> Aspergillus nidulans

<400> 6978

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<210> 6979
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 6979

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cacgatggac ctcccatagc acaaccatgc tgggatgggt gagacactcc acaaaccgcc 240
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gaccct 306

<210> 6980
<211> 721
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6980

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<210> 6981
 <211> 553
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6981

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tggctatgaa ttaggatctt aattagaaat aatataaaat gaattagtag gccctagtta 180
gtagtttata taaataatat taactctatt tcaattattt agtatcttta ataagcccag 240
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tataaattag ctagaaatat ctgtagcggt tatagtaaga aattaataat aaatattata 420
aatatatctc acaccgctcg cgtgggtagt gagatatctt tatagaatat agagttttat 480
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<210> 6982
<211> 908
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6982

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<210> 6983
<211> 536
<212> DNA
<213> Aspergillus nidulans

<400> 6983

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 aagccacact agacaaaatc agggaagcca atttgccgct gaccccagac catcccagac 180
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<210> 6984
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6984

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<210> 6985
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6985

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caagagaacc actatcatat attaccatct tccaacccag gccaacatgc aaaacgccag 240
tccaacccaa tgcaacacca tacacatcct cacctcacac acatgaacag aaaaccaaca 300
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cgcaagtcac ctctaccatg actctccttg cacatcccg cggatcaatg atacaaccct 480
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<210> 6986
<211> 610
<212> DNA
<213> *Aspergillus nidulans*

<400> 6986

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cggaatgca ccgatcatcc aactctcgaa gatcctgacg gatttggtta gattcccccg 180
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ggcagagatc gcaacggcgg gattcgggaa agacctttta gaggcactgg aagcagacgg 540
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<210> 6987
<211> 725
<212> DNA

<213> Aspergillus nidulans

<400> 6987

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cgtttgcagt agcagttgct tatatcacag gctggcgcaac aggcggcaac taaaatggta 660
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<210> 6988

<211> 825

<212> DNA

<213> Aspergillus nidulans

<400> 6988

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<210> 6989
<211> 1177
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6989

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<210> 6990
 <211> 915
 <212> DNA
 <213> Aspergillus nidulans

<400> 6990

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<210> 6991
 <211> 636
 <212> DNA
 <213> Aspergillus nidulans

<400> 6991

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 <211> 906
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6992

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<210> 6993
 <211> 696
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6993

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<210> 6994
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 6994

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<210> 6995
 <211> 781
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6995

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<210> 6996
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<212> DNA
<213> Aspergillus nidulans

<400> 6996

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cgctaacacc tatgaatttg aatggataat aaatgatcgt gacggagatc atgttcctga 240
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<210> 6997
<211> 670
<212> DNA
<213> Aspergillus nidulans

<400> 6997

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ccattggtca ctctggctgc ctccagggat gatgagattc ttagatcaa tccaggtctc 180
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<210> 6998
<211> 600
<212> DNA
<213> Aspergillus nidulans

<400> 6998

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<210> 6999
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6999
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<210> 7000
 <211> 819
 <212> DNA
 <213> Aspergillus nidulans

<400> 7000

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<210> 7001
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 7001

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gacgattttg aatccagtca ttattcaact gctcttccgc ctgcgagcgg atgttgtagt 180
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<210> 7002

<211> 612

<212> DNA

<213> *Aspergillus nidulans*

<400> 7002

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<210> 7003

<211> 524

<212> DNA
<213> Aspergillus nidulans

<400> 7003

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<210> 7004
<211> 754
<212> DNA
<213> Aspergillus nidulans

<400> 7004

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754

<210> 7005
<211> 519
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7005

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<210> 7006
<211> 455
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7007
 <211> 627
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 7007

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<210> 7008
 <211> 797
 <212> DNA
 <213> Aspergillus nidulans

 <400> 7008

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<210> 7009
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7010
 <211> 927
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

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614

<210> 7012
<211> 581
<212> DNA
<213> Aspergillus nidulans

<400> 7012

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<210> 7013
<211> 265
<212> DNA
<213> Aspergillus nidulans

<400> 7013

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<210> 7014
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 7014

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<210> 7015

<211> 763

<212> DNA

<213> *Aspergillus nidulans*

<400> 7015

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763

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<213> *Aspergillus nidulans*

<400> 7016

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<210> 7017
<211> 480
<212> DNA
<213> *Aspergillus nidulans*

<400> 7017

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gccagatcga tctgtccgac tacatgcagg atgaatacaa gcgcgtcctt ttcatatcca 180

aaaggggaaa gcctaagcta cattccatca tgcctgggcc tgccttacta attggcgaca 240
gacttatccg cgtcatgcct ttactgattc acactattgg tttgggtggg gctactcttc 300
caatccataa ctttctcgca aggaccgcta tggcgctcca tatgcagact caataccatc 360
caaatcgagg aacaacatac tgtcatgtga gacctgacct gctgaacaca ccggttgaga 420
tatttgttcc gaattgagcc gttacatcac tccttctcct atatctttcg gagggctgtt 480

<210> 7018
<211> 404
<212> DNA
<213> Aspergillus nidulans

<400> 7018

tcttgggttg gcgcatccat acagatatga gcccggaggg ggcgtaccgg ggctggaagg 60
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ttgtggtaag ccaaagagtc gacattgact gggatgcatg catatcgttg cgcggaatgg 180
gcgactctgt tgacggaagt atccggggct aggacgaatg cgagaagctt ggattacttt 240
caactgacca ggcttgagac aaatagatca cctggatgct gcaccgtaga ctgggctaca 300
cctgatggca agagctagcg caccagctg atgtagatgc cgtgctatgc ataatgcact 360
atatgacctg tactacgaca cacagcacgg atccccctct agct 404

<210> 7019
<211> 331
<212> DNA
<213> Aspergillus nidulans

<400> 7019

gggtgaggac cagacggacg aaggggtgga tgtactgcca ccgatgggaa agctaaatgc 60
gggtgccaca accgggggat ggctgagggc gcgctactgg acgccagaga tgatctggcc 120
gcccgcgaca ccaacgggga ggacccatcc actggcgatg caccagccat ggggtgcagtg 180
tgcacttatt acaaggacga actgtggggg cattgcaccc actgccatga ggggagcaaa 240
aggaccctgt agatgatgca caacgtgaag agcggccagg cttgcatgca cgagatccct 300
atgcttcagg cactgaccaa atcagatgca g 331

<210> 7020
 <211> 612
 <212> DNA
 <213> Aspergillus nidulans

<400> 7020

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gcgatgacgt actgcacggc acggattgac aggccaacag ggttgaggaa cccactgcaa 180
tcatttataaa acgggtaccc tgaataacac tcaccagagc ccgcttgac tcgaattgac 240
cagaacacga gcgcaatatg aggtggaaat tgaagctcac cattcaagac cactgatcat 300
gatagtcaac aagacctact cgaacagcgt tgacggcggg gaatcaaccc cggccgacag 360
tctaaccag cttccccgga cattttgtcg aaagcaagac ataggccttc ttctacggga 420
aaagacgact gtcatcccaa gccctagcct ccatcgaga gggccgtctg aaaagggcgc 480
aatgctaaag gagctcgtgg aacacaggac gaagccattg ggtggatact ttggtccgcc 540
tatgagcaaa aaaacctttg gggaacgtca gcgttactca ctaaacattg attttaaaag 600
aaaaaacagg ga 612
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<210> 7021
 <211> 394
 <212> DNA
 <213> Aspergillus nidulans

<400> 7021

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gagcccaaca ttctatataa aaaatctgat ataaaataag aacttaggct tttttagaaa 60
aaatagtatt ttatatgtat tttagcgtca tttagctggt taaaaggtgt gtataaaata 120
aattcttaaa gatgatttct atatataatta ggcaagctat taatacttat gaaaactaaa 180
aaagagttat cttctgtaaa aaacatataa atttattgaa taactaataa ctaaaaatat 240
ttttattgta tatactaaga tctgacggag tactgtaaca agtggcgggt tagcagtgac 300
gcaccgtttg ggggtccgac gaacgcatgt agtaattacc acataccaaa catTTTTTct 360
aacggctgac aaacttacgt actaagaaat atat 394
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<210> 7022
 <211> 689

<212> DNA
 <213> Aspergillus nidulans

<400> 7022

acgcgagggc catggggggt tttttttaaa agaactgggg ctagcacaaa ggcataaagt 60
 ctatgcttat gcattatgtg agattgattc catatcttac tagatttagg atcggacact 120
 agactaactg catttaccgg aaacagatcg aagagggcca gggcgtttag caggtccttg 180
 actaagagga ggagatttct atgcttgaat ttgctaaatt tgaggagaag ctctgacaac 240
 aaaaagggtgc ccaggcgacc gctccctctt ctctagattc ggcgccctag aggagacctc 300
 gtatttgact ttgtagataa taaaacgact agtaccaatt ctgtacaata tattacattg 360
 ggggtcaaagc ctggccacac ttgtgacgcg ttgaagaacc aatataaata catccagcac 420
 tacaccacta ccaagatgag agctttctgt actctctgcc tagttcatgc atattattga 480
 atgatagata aaacttgtaa ataatacaata attttgaaac tgaactgtag attcaaattt 540
 tccaggaaac aacccttcac agtgaagcag ttggaattat ttgaggggtcc aagggttaaca 600
 cataatggtc acggaaggaa gaactctcaa gctttactaa ctctgggcag cccctcgtaa 660
 gctcgacagt caattgcatc aacaggaag 689

<210> 7023
 <211> 386
 <212> DNA
 <213> Aspergillus nidulans

<400> 7023

aacttacttc cgaccggaaa aattgaatcc aatgttcaca gtgcggtcct caacgatagg 60
 ctgttaatga ccacattact ttagtcaaaa ctaccttgac acccctgcct cttagcaaac 120
 gtgtagtggtg atacatagtg ctactacagg agacttcacg agatagagca cctgggttga 180
 gcccatgctt tttagttggc gtcgtgttat gtggataagg acggcgctta cgtggtggca 240
 aataacagtg acatgctggt atgcaccagt ggtgaccoga acttaaatga agaaccagcc 300
 tgggtcccttg atgccagcgc gatctcattt gacattacgt gtgaagaaag gtactgggta 360
 gcagtttacg gagtggtgac tgcgct 386

<210> 7024
 <211> 474

<212> DNA
 <213> Aspergillus nidulans

<400> 7024

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cttttacatg catagaacaa cgctatcctg ttcattatac acggacctag aggttcctaa 60
tcacaacaca cacacatacc aacttgagca gaacgccacc acacttctga acctgatctg 120
tggtgcgcgc ctcaattcca ttggcgcac acgcagaaca tcatgagcgc tccgtgaatc 180
cctcaaccgc gcatgcccac tgctactccg ggcgaggact acatgtggac ggtgaagggtg 240
tgactgagaa ttcagcgtcc ttattgcgcg aggttcacaa gctaccttac ccacaacagc 300
gagatcctag cctatggcct gcgaaacaga cctgcacact tggcttgcat gcaggcacgc 360
acaaaagacc agcctatact tgggtgtgcac gacgcacaga gctcaggatg ccacttacca 420
tgtgctgtta caataacatg acatgacctc gattactgac acagagaccg gcta 474
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<210> 7025
 <211> 515
 <212> DNA
 <213> Aspergillus nidulans

<400> 7025

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actgatgata cagcagaccc agctggtcag acaggcgagg acaaggatga tgatggggcg 120
agtgtgggaa acacggtcga agagcgggta gggtataatc acgcagacta ggcgagggag 180
gagacggaga atgaggtcaa tggtcagggc ggtaggggtg gggacaaggt ggacaactag 240
gtataggata ggatagagga taggggtcgaa gacatagctg tcaatacggc cgaagatcgg 300
ctgggcgaga cacataacga gcagcacaat atggctgtag aggcacgcaa ttcaacagat 360
caccgaggca atcctgggtg ctgacgaggg gacaactgag gaggggaatgg accatggaga 420
atccccggccc gctatcaagg acaatatggt cccagaggat gacctagagt gaactgtcca 480
tcatggcctg actggttcga ggtaaaccctc tgcaa 515
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<210> 7026
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 7026

agacgcgaca ccccttactc tggggcggtt tcgagcctgg ctgggggatg cctactatgc 60
 tcttgtgggc aatcttcgtc gggttgggct catttcggat ccacccttct caaggctaac 120
 cagatggctc gcaccggctt acgttctacc caccatgctc gtgcctgatt taccgagcat 180
 tctatggggc gacgccatcg gatccgtcct tggggaccga ttgcaatgct acggcttcga 240
 ggccatgctg cccgaccctt acgctggctg cacactctga ttggatatag agatcccacg 300
 ctacaattct tgactctgtt accgctcgac catacactac tcataccgtc tagaccacct 360
 gtcaccacca gacgaccga aagctgccac cacgaaacac atctggatc agacgcctgc 420
 ttaatccaca cgccgtact gttegcacac atttgaatac ctccggacca gcctaactac 480
 gcataaacgt atgctatgtg atatgcggat ctcacacgcg cctcttagat gcctgtatac 540
 cggcaatgtg tc 552

<210> 7027
 <211> 652
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7027
 agagaggagt gaatgtcaga gttt gatgag ttagcgtggg caggaagggg gtatgtggac 60
 cgcttggtgt gataatgatg gtgagggttt ggatgaagag ggtaagtaga tgcgggacga 120
 agaaagggtt gtgggagggg gctgttgagc tgtttcgttc gtagttagct aggctagttc 180
 tttcattttg ttgtgaagaa ggccacttac gaagtgaact gcatcatcat gatctcaaaa 240
 cgcccgggtca atggatagaa gaagccctct gagagaacct tatataggtc tttcactgtg 300
 gacttctgac ggtgcgcctc gcgctgctgg cgccttttct cgacttccat acgggaggag 360
 aacttgcgta ctttgagcgc ttttggacca gaaacggagt ctgctgcctc tgtcgcgatt 420
 ggctgaagtg atgctcgctc aatgcccctt gttatgctcg ctatgggaga ctcggggctg 480
 gcgtagaacg cttcgagatt agccggaagt cgcttcgaag ggaaggaggt atctgatagg 540
 gccgggagtc ccattgcttt cgcgtcatcc gtcccgaact cagccacctc tctggcgctg 600
 aggcccaggg caataaggac cgctgaccgc tgcgcttgag ataggtcggc gt 652

<210> 7028
 <211> 989

<212> DNA
 <213> Aspergillus nidulans
 <400> 7028

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atgatgttgt ctgaccagcc aattttatga ttattttata gttattattg atattattgt    60
gcatgtcggc acgtagtacg acatacctcc ggttcagca ctaatgcttg attgtccaaa   120
ccttgccaag ctcttggaata ggtcgaataa tccctcttta gaaggatcag gaatccgcta   180
gggaagtata aacgaaccag acaaagtgtg tttccctcag ctgacgaggg acgcggacaa   240
actcccttat ccatcttcaa gtggagcgcac aggggagctc aaatcgcttt ctcgaggtca   300
cggccaaatg actcgcatga gcaaagcagc ttttcagcct atcatgtgct cgcccaactg   360
cgaaactcca attgggtatc ggtcaactgt tgctgcggtt gtcacactgt gttcagaccg   420
atztatgcat aatgtgtagt ggtgcatcag gcgtcttgca cttcgtacgg actgctccgt   480
attgaaagca gtatcgcatc acttggaagg cagccctgtt cggttaaggtc ggcgatttcg   540
aggtgcagat tcggtttctc gaagccgtac ttctgatggt cgccaaaaga cgctgttcga   600
tgcgctcgggc ctaccogaat gtcttcgcaa ggcggtaccg tacagccacac tgggtctacga   660
cccctttgct gtcatatcta ttgacattgt tttattctca tcacagcttt tggcgggtga   720
gctaaagatg tacgtttgaa actttatata atacacaaa ctgatcatat gctcttccca   780
tatatatctg tcaagaacct acttttattg gagtaggccc ttaagaccgt aatctcagta   840
agatgcccct tcggggagcc cgtgggtctt taaacactca aagtcatagg gtcgagccaa   900
accttccaga aagcccgggt ggtagttcta tgaattcaag aatatctcta cttatcctgg   960
ggtaagccca agtcccacta gaattcaac                                     989

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<210> 7029
 <211> 616
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7029

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cacgtcgctt gctcgaacgg agacagcgga acaggggagg ggaagggccc aaaagagcgg   120
caagaccgcc cgcacgggag aaggccgcgg ccccggnacg cagcgacacc acagcggccc   180

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ggaganncn naaagaccgc cccgncncca ggggcncaac aaannngaaa aacagcgnga 240
 cncggacnc cgnacaagga accgaagaga accnggnccc aaaaaanncc gggggaaacn 300
 gngcgccccg ccagaccgc agggcgcccc caagccagac cgcgacacgc agacaccgcc 360
 cacaaccaca ccaccagacc caccaccaa gcacaacaaa caacgcacaa cagagcgca 420
 cccaccacg cccgaacnga cccacgacc aacccccaa agacaacaga cagcgcacag 480
 cacagccgaa gacgcgcgcg aaaacggccc accggacacc caacggacag caacaacaac 540
 aaccagagac caacacccca angacaacc aacccaccc acaacganaa acccagacca 600
 caaccaacca agagac 616

<210> 7030
 <211> 227
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7030
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 acatcggaat cactggagct gcttgctcaa caaatctga cagcatgggt gattgacgtc 120
 atccgtcacg caataagcgg taccaggagc gggaattatc tttggctgaa ttatcctggt 180
 gggcggtctg caatcaggcg gtggatgcac tacctgaggc tgtatcg 227

<210> 7031
 <211> 579
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7031
 gatataattt agatccaggg cacccttcaa tcattcgaag tgatattgat ggcgcagttg 60
 actttttccg tcttgagaaa ggtctgacgc gtatgtgtgt ggagttgaac aagtctgcag 120
 ctggttggaa gccattagat agagatgcaa tcacacctga aagtataatt gttaaattgcg 180
 aatatattat tcggccgtat aagggtcgcc ccttacctc aaagtgtgcc tccaaaaatg 240
 aacttactga ctttgggttg ctgctttcat agctttacat taaggaacac gtatggtaag 300
 ttccagttcg catgcctctc ctgtgtacgc gactaatata gatccagggtg gtcagcattt 360
 actgttgctc agcgcacag caattcgatg gccgaccaca atcgcgggtt attagttggc 420

gacgcggtcc acacacattc cccgctgtgc ggcgcaagca tgaatactgc tgtgcagtat 480
 gtagttttgc tgaatatgca atgaatcaac cactgacagg ctacatagag acgcatacaa 540
 tctggggtgg aagctcgctg gcgtacttaa acaccagct 579

<210> 7032
 <211> 646
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7032

ttaccaataa tgggcaatag cccaatgaat gttgttggtg agacaagggt ctccaaagat 60
 cgtttagaat cccgatggcg aaaagccggc gaagggtgcta acaagattca caaagcacc 120
 cacagtaaga agaacgaaaa taaagaggcg atgtcgact gcccttcag caagcaaggg 180
 atgcagactg cggttgggct tggattaggg ttacggtatc tgctcgaacg gctcttgccg 240
 tacatgtgct tttaatgtca tctgcatgct gcccatcaga ttgctagata gcgctgataa 300
 atcgtatact atatcaatag cacttttagat agcaagtacc agaaaaagcg ttatcagagc 360
 tgatatggta agacggcccg gagctcatgg ctggaccag cctcaggata cgacggctag 420
 gacttcagac gtggccttcc ctctaacgaa attagggaga aactgcatag aagactgacc 480
 agaagtcacg aaaatagcat agatcgaaat aaaattgaat tgtagaaagg attggataag 540
 gaccaactag tagtccctgt ccttactgct catgcccgta ccgtatgatg tacactaggt 600
 tggattgtga aacaagggca ttatctgctc attaagacga gcatat 646

<210> 7033
 <211> 520
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7033

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 atgcattcac aaaggtccat aaaccagatc gccggtttat tgagggtcgg gagaaggcgg 120
 acaaactgga tgaggatctg actcatgtcg agaagattgt ggcccagatt gcgcggcggg 180
 aggctgactt agagacggac tacaatgatc tggcgacgca gtttcgtaag cttgtcccac 240
 tggagccaga agtcgaagtg ccgctccagg tctttgctgc ctctgttgaa gaaaccgcgc 300

ggggaatcaa aaacctcaag gatcacacgg atcagaacta cctgggctcg ctttgcgaca 360
 tggaagccta catattgtcc ggtcaagtca cttttaaaga cccgcgagca aaagcagctc 420
 gactttgaag cgcctgtcga ctaccgcaac atagcgggtg cgagcgggga cttcctcgcc 480
 ggaattcaac ttatactatg gcctcaaccc gtgacttatt 520

<210> 7034
 <211> 1021
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7034

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 agtaggcggc ttagaagccg ctcttcattt ggcatacaac cagactagac cccacggggg 180
 acaaaaccaa ggtgtcttca accagccgtt cgctatagat gcagctacat ggaccagaag 240
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 agacactacc gtggcgcggg ttatcttcga tggaacgcga gccgttggtg tcgaatatct 360
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 tgggtgctctc cacacaccac aggttctcca actctccgga gtcggaccgc gtgacttgct 480
 tgaggcgctc aacatcccaa ttatctcga cttacctgga gttgggtcta atctgcagga 540
 ccagacgaca ttcccgttcg tgtatacatg tcagtagtcg gtgcagcctt ctaatctcgc 600
 tagtactgac ttattcttgc taggggacag tgccgtcacc ccaaactgca ccactttcct 660
 cacaaacacc acttgggcaa cggagcagcg cgtgctatac gaccaacacc tcccagcgt 720
 atggactctc actagggcac ttgcccccaa attcgcttc ctatcgtagc aggacgcgac 780
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 tttaatggat ttgcgatgc ttgactggca gtttgaggca tgcgtggga cactgatgca 960
 aacgtgccaa gtcttaacgt gaagccttca accgtggtac gttatataac cagacgaccc 1020
 g 1021

<210> 7035

<211> 764
 <212> DNA
 <213> Aspergillus nidulans

<400> 7035

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taaggaaaac gaaagatgcg gtagtagaag agcagaatgc tcatttttagt ccagaccaga 180
ttgtagacgt acaggacctc tgcgacgacc agatacttgg ccacgagAAC gactttccca 240
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acgacgatca ggttccagcc ctaccgccgt taatacacgc gacgctcaca acgtttccaa 360
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gttcataccg ggcgagcagc cgcagagcaa cagtcacaaa ggccaggacg gtgacagaaa 480
cgacagtggc tagcgcccat gggtggaggc tgtcgttgtc agccattctg caacggcgag 540
acagacggac acagtagaac gaaaggacat cgacacagag cagcagcggg ttgagacgag 600
atttaaagaa ccggctatat atctgccttt gttagagtgc gccgtgcgg ccagagagct 660
tttaaggcat ctggaccag acaaaggact agcaccagggt gggagcattc tatttcatat 720
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<210> 7036
 <211> 1105
 <212> DNA
 <213> Aspergillus nidulans

<400> 7036

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acaacagcgg cttgcggagg cgacgaagga gcgggacgca tacatcacct ttctacggaa 180
cctgaactcg tcggtcccaa cacaggagga ggttgaaaca gctgagaagt ctcttaaaga 240
gactttggaa gccgaggagg cggcatacgc agaactgggt gcgttggaag aggaaaatgc 300
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ggaaaagttt tggcgcgatc ggaatgcgtt ctcgttggtg cttgctgatt tccagaatga 420
  
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gcgggatgcg ttgaatatga aatatgacca cgactctcgc cagctggaaa gactgcagcg 480
 aaccaatggt tacaatgatg ccttctgtat tggccatgac ggctattttg gaacaatcaa 540
 cggcctccga ctcggccgcc tggcaaacc ttcggtcgaa tggcctgaga taaacgctgc 600
 ctggggccag actgcgctgc tgctggctac catagcggag aaactgaact ttcagttcca 660
 ggggtaccgg ctgcggccga tgggctcgat gtccagaatc gataagatcg agtatccgcg 720
 accgttaccg gcgcaatcga ccgttgaagg agctagcaat gcccatcaac cagcggcacc 780
 caagatcacc agccttgatc tgttctctc aggcgacctg ccgctccata tgccatggct 840
 tcacagtcgg ttcgatgcac gaatgggtgg ttttctggaa tgtctacggc aactggggga 900
 gtttgtggaa aaaacacgcg tacgctcgag tcggcgggac caggccggag ctggcctgcc 960
 cggtttgaag ttgccatact ctatcaaacg agataagatt ggcgatgcca ggattaagct 1020
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 ggaattcttg tctgcccattg ctage 1105

<210> 7037
 <211> 407
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7037

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 gcaacgtgct tgccgccacc tgtccagggt agagcttaca gagactattc tcctacggaa 180
 agcttgagct gatccacgct cttttactcc cgaggaggat aagtctactc tgagcgcact 240
 ggcgtcgatc gtatataaaa gccctcgaca caagggcccc agaccctacc aacttctaca 300
 gcgagatgct tacctaaagt cttgttgcac acagtataca cgaaaccgag aagtcacacg 360
 tgagctcaca atcgctaggc aacgcctttt atggaacggt cccttta 407

<210> 7038
 <211> 1373
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7038

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 gcaaccagag cacgtcaagt tttagatttc atcaaatctc aaacgaaaga gctctctgac 420
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<210> 7039
 <211> 687
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7039

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tcgacgacat gaatgaacac ctaacgagaa ctgcagatga ttattaagac ctggccatat 180
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aatgacattc tttgtagagg taaaagata attggcgaaa tcatgccatc gcagtctgga 360
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taagcgaaaa tggattattc ggtgctcatt cagttttcga ggactgactt tgaaacgtgg 480
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tggtaaagca acagagccca aaaactcgga tagtctcaat gcgtatatattt attcaaaaac 600
atggctagat gcacctacag tcaaagaact agctatttta actcgctcat gccctattat 660
cccgagggtgg ttaggtatcc tcacata 687

<210> 7040
<211> 826
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7040

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tgatcatgat gagacacttc aggacaggga cggacgcctt ctaagacgat cattgatgac 180
ctgctgcgag ccaactcttc gtcttcaaca gaagaggctg ggccacggat tgcaatgatg 240
tggtccctga tttcattcat ccgcaaaatt tcttctgcta ctttgcccat tgcattgctt 300
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gtgtcggcct cgttggcggt agagcatttg gtccaagtag taaccacctc gttctgcaag 480
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acggcattct tcgcataggg ctgatggtga caaagcccg tttcctcggt ctcgtggtct 600
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gctccttcag acccatgtct ggagaaataa gacatagctt ctggaaggaa ggtgctgggt 720
gtaattcgca aaagagagct tgtcgcgatg aggtctagaa tagaagccga gagaaacctt 780
cangtgggct agatattggc acatgcgcca agcgaatgtg aatgca 826

<210> 7041
<211> 460
<212> DNA
<213> Aspergillus nidulans

<400> 7041

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atactgatga gaactgccta tgacagtcta tgtgtgatag gggcgcaagt tatgacagag 180
gggcctatgc agcatgctgc tggactggaa gtagacacgc tcgccccttg acgatagtag 240
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atagacatat aatatatacc cgaacgtgct gatctatgga cggatgaattg cagttacacg 360
gtctactgca tgcttggagc atgcgactag gcgaacctca gcgcgacctg aacgactttg 420
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<210> 7042
<211> 926
<212> DNA
<213> Aspergillus nidulans

<400> 7042

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taccaagcca ccacgcaaaa tatcacagct ggatgcaggt acaggtctca ctgcgccgtg 180
aatgtcggct tgcagaagac agtgcacgct ggtcaagtga cacgcaagaa cagcgccagt 240
ctttgattga gcgtgttgga cgttctagcg tcaacggaga gatggtttgt aagttgggac 300
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acatgttgaa tcactactat caaaatgcc tcaaatgtga ccgcattctt tcacaggccg 420
ctcacatttt gcagaacctc atccacaaga atcctcgcgc acgaatcctg gagataggtg 480

caggcactgg cagcttcaca cgatatgccc tgccgaagat cggtagcgta gctactggag 540
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<210> 7043
<211> 539
<212> DNA
<213> Aspergillus nidulans
<400> 7043

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gcactttact gatcaggatc cccagcgact gggaccaagt cgcttgcgag ggtctcgtcg 180
cgtatcttgc aacatcgggc tgggtgacca gaatcggaca gagcgcgccc atgacgctgt 240
taatcgctg aatcataggc cagacgagtg ctgagccatg aagagtcacc tgagtgtcga 300
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aagcgacagt cgtgtagacg gccttgataa cgaataaatg ccgcaaaaaca gttgggtgca 420
gaaacatgac cccaaactgg aggatccaga agataaagaa agccagcagg tcgcgactgg 480
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<210> 7044
<211> 780
<212> DNA
<213> Aspergillus nidulans
<400> 7044

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cttcttagat tcggtggagt tacgagcagg ctttgagcag ccactatttc ctcaaatcaa 180
 agctacgatg ctgcgccctt cacttgtggc tcggcgcttg ggaattcgta gcttgctatt 240
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 attgagacta ctagatgaag gatcaatatt tgccgagtta gaactgctta aagcccgctt 720
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<210> 7045
 <211> 555
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7045

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 caggagcatg aactgaacgg tgcagaggga tacgctggat atgctccatg acggccgggc 180
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 cggcccaccg cgcaagggac tcatgaacga tgcactcaca aatgcattaa ggctgtccat 360
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 aacagccgac gagctcgacg aggagagtac atgtgagccg accggctgga accatagaat 480
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<210> 7046
 <211> 637

<212> DNA
 <213> Aspergillus nidulans

<400> 7046

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 gggacgcaga tttgttccca gagagcgact acacgtggag aagcacaggc agctaatttc 120
 cccagcttct ctttgccaat cagaggcaca aactttctgat catcagagcc ctttatgaat 180
 caatagcgcg aatatgagcg ggcgctctcc agacttacat agtaatcacc tatattggac 240
 agaaatgtcg ccgcgtaatc tagaaacagt tggaagtcac gaaagtcaag gcccgccag 300
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 atgtcgttgc gggatggcgt agagccaagg gcagtcc 637

<210> 7047
 <211> 1275
 <212> DNA
 <213> Aspergillus nidulans

<400> 7047

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 gtggtaactg acccagatgt ctaggggcag agtagaagga gtagagtgga gggcaagtgc 180
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<210> 7048
 <211> 934
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7048

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<210> 7049
 <211> 697
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7049

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 agacacggtt accggggccc agaagttct cactaagcy ttgtaggagt tgacagtcgy 240
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 gaaccatag gggatactgc tggctacca gcggaatgt catgtgggca ctggtgtacc 420
 ggaagacctt gcgcygcttt gttatgaagg accgggggga tgcctggtt cgtgccggtg 480
 gatattgacy acctatatat tcctgctaac aagggtttt tgctgccgc aactggacat 540
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<210> 7050
 <211> 494
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7050

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gctacagaag gcattcccct cttttgaact cttgatgtca acgcgcaaga gctacctcag 180
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<210> 7051
<211> 750
<212> DNA
<213> *Aspergillus nidulans*

<400> 7051
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taatccaggg agcggttgtt cgcgtcaggc 750

<210> 7052
<211> 933
<212> DNA
<213> *Aspergillus nidulans*

<400> 7052

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cggggcgaag ttgacccac agatctgcct taccgtacac tgacggcaga tgccaacatt 180
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<210> 7053

<211> 958

<212> DNA

<213> *Aspergillus nidulans*

<400> 7053

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<210> 7054
<211> 615
<212> DNA
<213> *Aspergillus nidulans*

<400> 7054

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tctagccaca ttgcggctgc tcaccgtaat tctacaacga tttcctcgt tctcgatttt 180
cttgattcgg actaatccta cacagcccgc caaacaacgg acggtcgggg cattgaacgc 240
ggaagtaggg cacctactga caatggccac ttctatcatg gaagagccaa cgttagacca 300
gtcattcgat aattatctca aggacgcgtc gtggattctt gaggcccggc tggccaactcc 360
cccaccggac aattgttcgg aaactcttcc atgtgaaatt cgccaagaag atccaattgt 420
tcgcgagctg ctgggctgtc tagagacatt tttactaac accgtgatcg tgaatctggc 480
tttgacggaa gttttgatga gcattgcgtc ctgcacctg atggcgcttg acgggtgggt 540
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cagaggatat actcg 615

<210> 7055
<211> 1004

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7055

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 ccttgtcagg ggctcaaagc cacgctagtt ctgcaccggg ccagtcttaa ctcagccact 180
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 ccagttagaa tgagagttga cgggttatgc tcagacagcg tgcatagtct tgtagtccga 300
 gcggcggcct cccaactccc tctactccac gaccagtgct ttgagcaagc cagagagctt 360
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 aagctctagc tttgattcac ggaagcagca ccagtcagct gtgcgcaccg cgattttacc 480
 ctaaataget tactacgacg tgtctgagtc tctctccac agcttgctag aatgaatgaa 540
 cgaataccga gcagagtggc tacggcaagg tcgaacagtg ggatgtcgat gcttatagtt 600
 gccagggaca agcttaccta gatacatcca ttgcaaactg caccacccac ttgaagcttg 660
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<210> 7056
 <211> 415
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7056

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aagaggtcgg agaggtggga ggcggtgggg acttgctgcg gcattttgcg atattggatt 240
gagagagata ggttttagg tgtgggtaag ctggtagtta ggttgttaat tcagagaggt 300
ggttgttctt gtatgcacag cgtcgtccag ggcaggccag gatggtttca gtacgacaca 360
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<210> 7057
<211> 676
<212> DNA
<213> Aspergillus nidulans

<400> 7057

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cgagcagcaa ggacagcggc cggatgagtc ttctgcaccc gacgacgctc gactcaatcg 180
ttctctctc atacgccgca gtaccagct cggatccgtc caacgacgac agcgcgcgcg 240
ttccccggtc catccgcagc ctgtgggtgt cgagcatgat cagcagcgcc ccggggccata 300
cgttcacctg taatgtgaag atgccgcata acgatgcgca gagttacgaa gcgaacgtga 360
cagtcgtgga cgaggccgga gccagagctg agagcatggt cgagatgcag ggtcttgtct 420
gccagtctct cggccgcagc gcaccagcag aggaccgaga accctggacg aaggagctat 480
gcgcgaacgt cgaatgggcg cctgatctct ccctctctct cggccttcgg ggctcgtcag 540
acgccatcga caggcgctc aacaccctcc gcgaccagaa tccagacgag aggagcatcg 600
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aaacgacgtg gcaatc 676

<210> 7058
<211> 595
<212> DNA
<213> Aspergillus nidulans

<400> 7058

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cgtctacgaa caggcaatat gggctccgca atcctcagtg gtattcttga cgctctaaa 180

gtcgtatcaa gtccattttc gcgcatatta gcctgcacaa aaacccagtc ctctgccgaa 240
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aagaacactg ccgctgcgga agaggcagac gtcattcattt tgggatgcaa gccgtacctc 360
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gaaaattccc cgtctaaaaa ggctgttatc gtccgcgcaa ttocaaatgt tgctgctagc 540
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<210> 7059
<211> 572
<212> DNA
<213> Aspergillus nidulans

<400> 7059
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cagagtcctc ttcaacctgg ggtttgcggt gagctccccg ctgactaggc gattcagggtt 180
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gctcggatgc cctcttcttg tttttattat cctgctgctg cttctccttc ttctttttgg 480
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<210> 7060
<211> 1174
<212> DNA
<213> Aspergillus nidulans

<400> 7060
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cttacagtca aaatgaacat cactaactgg ctgctacgta gttcctcttc aaagtcgtcc 180
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<210> 7061
 <211> 1160
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7061

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 ataccctccc gccccggcgc aaatcttgcg acgcatgcag ggcagccaaa cgccgctgcg 180
 acctcgctct cccggcctgt tttcgttgcc tacgaaggaa cattgtgtgt gtttaccacg 240
 gcttaccggc cccagaccag atcccgagc tgctagcggg tttgaatgga caagggacgg 300

cggaaccaga tgaatctatc ttcgtggacc agttcgcctt tgacgctgtg cccgagcccc 360
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 gtacctccct ctctctttga aatatcgtac cttgctaaat gacaattagg cgcctacgcc 720
 tgctgtgccc tctacatcac caagaacctt ataaacgggc ccatgatcac ggggcacatt 780
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 taatcagcct tgtttttgaa ccctagaatt taacctacaa gagagcggtt tactttaaac 960
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<210> 7062
 <211> 766
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7062

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 cagtcgtgga ttgacgttaa gcctcgtttt cagttatgtc acagagtgcc tcaacgcgag 180
 caggtaatcg agcgtatcct cccatgtata acatatcagc cagccagctt tttcgectcg 240
 aatcactcac cgtctgactg tgtccgacaa gtggatactc gcgaatgtga tattgccgac 300
 catctcgatg ctcagacggc cttttccgta taccatcaag catacttggt ggctacatgc 360
 ttcateccaca aacttaacat tggagcgtct tgggaagcat ccaacgcca gtacgcacag 420
 cacaattcca tagacagtgt tatacccata gctccagcat caggttagaa catgtagcct 480

cgctactccg tattcagtga aacaaattgc tttttaagac ctaatcccaa acgtgcacta 540
agagcattcc ggtatcctct tggaacaaac agaagagaag atataaacta tacagtacac 600
cccctctctt aagacatata tccaatgcag caatcatgcc cgtcccctag ccgcagcccg 660
cttactcttc cccggacgct ttgcgcgcc gctcgcaccc ttcattcttct tcacagagaa 720
tccacgtaga tcaccgctag aaatcgaatc accgtttttg catgcc 766

<210> 7063
<211> 573
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7063

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cacgcgccac cgagcgccac acacgaaccg angggcacg acncacggag acgggcccag 180
aggccggcga aaccgacacc accggcaagc cgcgggagag caaaaccaa cccacgccc 240
ggcaaaagac cagaacgccg gcggggcgag accaaaccca ggagaacccg gacagcacgg 300
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gcagcgaacc gccgaacacc agacaccaca agagcaccag gccaccaca acagaagcac 420
caaaaacaca gggaaccaa acacacgcac agccaacgca aaaaaacaaa ggaaaacaca 480
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aaaaccggca caggaaacg agagcacagc aca 573

<210> 7064
<211> 578
<212> DNA
<213> Aspergillus nidulans
<400> 7064

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aaacagcgga ttgtgactct gaaaaggact gagcgagatg ggagaaaaga gaaacgatca 120
ggaggtggga gtggccctaa tgatattaaa agcgcccatc tctgcgttgc ttgcgtgtgc 180
ccaccgcagt caggtacggt aacctccac tgagtgccga aatgagtatg gagcaggccc 240

cgtctgatga aacaggggcc gatcatttaa acaagaacaa aatatatcat tggtcggtat 300
 agagtaaggt tcttgaaagt tgagaattgg gtcaatgggt ggttgagcgc aaacttggct 360
 ccaccaacgg ccattttgga gagggctcta gaccttggat gctctgtcca gcacagccaa 420
 tctcgtatgg tgaggggagt cgcttgcacc aagctatccg actggtagag ccgatttctg 480
 atgggtgtct gtactgacag caatctgcag acgttcagat ccagtattca ggtagttgg 540
 aaacaacaca tccactgcca gatggacgcg taagagtc 578

<210> 7065
 <211> 512
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7065

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 gtgccagccc gcgggaccca gaccacggc ttgaataatg atgcacccac caggctctgt 180
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 ggcaggacga tggaacagtt gacagcgacg gagcagcatg cacatcactc aagaagtctg 420
 tgcttggaca gagagccata gcacttgatg tcaccagctc tgtggacagc ataagccgat 480
 agccccttta tcaactgtgc acgccaggtg cg 512

<210> 7066
 <211> 493
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7066

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 gcattcgtct tgaacagaat gtcttaacaa taacttatca ataagggcct actccactaa 180
 tagtataccg aacaggatct gcactactgt gcctttgacc tgcttaagtt taaaatacca 240

tgtgaatggt taacactgtg tatgtgtcac catttgctgg atcttgcctt gaccggtcca 300
gattgcaaat cttggacctg actgagaatc cagctatcta tcttgctata atgacctgat 360
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acatgacaaa cgc 493

<210> 7067
<211> 719
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7067

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tctgaatcca accctccatt aggtagctta gctatcgaat gacctcccta gttcaaatac 180
ttaccccccg tctcctgatg gataacatca aaaagtggct tcgcactaaa ccaacctgcc 240
atcgggtgtcc caactgtctt atacgtaaac gccgcgtccg catcattgat cttcacccgtc 300
gccccctccc gtcccgcgc agccgcacgc gcgagtaact gcgcatggca gcattttctcc 360
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ttttgcaaga gcgcggcctt cttggacccc agtgcgctcg ctatgtttcg cccttcctct 480
tcggttagca ccacaccgtt gaattggcgg gagacgacgt ggtcctgcac agcatccggt 540
cagatccgct caccgcatat atattgaaag gggttctaca ttatagaatg cgcacgcatn 600
ctgcgttatg atatccacct cgcgcccagag gctacataac gcccgccatt agaggaatga 660
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<210> 7068
<211> 862
<212> DNA
<213> Aspergillus nidulans
<400> 7068

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 agacggctta cagataaacc aagcacgata aaccccgct tctgaccatg actgctactg 720
 cgtatatcag aaacaaacgc gaccggcgcc gccggcacag tacctaatta gcctgatgag 780
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<210> 7069
 <211> 773
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7069

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 gcttcggtac tgagacagaa tttcgcttgt tattgacttt cgcgggcgtc ggcagcggaa 180
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 aagatatatg agaagcggac gagactgccg agctgtctag agtagaagaa cgacgcgttt 420
 tattgcagat caaagacgag ctcgattgac tggccgcgtc tctcatgtcc agagcagaat 480
 gaactgtctt gattgaagac cgactttttg acgggtcgtt gtttgtttcc cccaattccc 540

aacaaaaactg cgtcgaacat ttacagcctg gttatcatat ccgcagggtt gtaatccttg 600
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atgccctttt cagttgagct atagttatgt ccctgctctc gcggagacag tctgttttca 720
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<210> 7070
<211> 701
<212> DNA
<213> Aspergillus nidulans

<400> 7070

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cgggtacacc ctccgggaag ggattgacag tgatgacgag accaagttcc gggtaacaag 180
gccggagcag gctctgatcg ataattgt cagtggaaag gtgaaggagc attactactt 240
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ccgagggccg cgtgattcga cgcattgct ggatatcga cgtgcgttga acaagctgga 480
gaaggtggcg ctgcgctcga aagagagcga ccggccgctg atctttgatg atcaataatc 540
tgcactatct gccggacagt tcaaaagggc agcagctcat cgacctgctt tagcagcgcg 600
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<210> 7071
<211> 615
<212> DNA
<213> Aspergillus nidulans

<400> 7071

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agcagtttct ggaaatagca gaacaaaagg aaccaagaaa gcaccggcaa aaatggtgag 180

gaaccagaaa accgagcgcc agccgagata ctgcgataga agaccgcca tgaccgggcc 240
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<210> 7072
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<212> DNA
<213> Aspergillus nidulans

<400> 7072
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<210> 7073

<211> 635
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7073

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<210> 7074
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7074

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<210> 7075
<211> 792
<212> DNA
<213> Aspergillus nidulans

<400> 7075

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<210> 7076
<211> 748
<212> DNA
<213> Aspergillus nidulans

<400> 7076

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<210> 7077
<211> 722
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7077

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ac 722

<210> 7078
<211> 540
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7078

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<210> 7079
<211> 686
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7079

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<210> 7080
 <211> 658
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7080

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<210> 7081
 <211> 837
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7081

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<210> 7082
 <211> 643
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7082

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<210> 7083
 <211> 781
 <212> DNA
 <213> Aspergillus nidulans

<400> 7083

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<210> 7084
 <211> 693
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7084

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<210> 7085
 <211> 915
 <212> DNA
 <213> Aspergillus nidulans

<400> 7085

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7086

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<210> 7087
 <211> 614
 <212> DNA
 <213> Aspergillus nidulans

<400> 7087

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<210> 7088
<211> 587
<212> DNA
<213> Aspergillus nidulans

<400> 7088

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<210> 7089
<211> 599
<212> DNA
<213> Aspergillus nidulans

<400> 7089

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<210> 7090
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7090

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<210> 7091
 <211> 520
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7091

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<210> 7092
 <211> 240
 <212> DNA
 <213> Aspergillus nidulans

<400> 7092

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 cgcgagggta cgggggtgaa agaggggtcac catctggggg gttgttttcg agggcagcgc 180
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<210> 7093
 <211> 805
 <212> DNA
 <213> Aspergillus nidulans

<400> 7093

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<210> 7094
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<212> DNA
<213> Aspergillus nidulans
<400> 7094

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<210> 7095
 <211> 420
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 7095

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<210> 7096
 <211> 831
 <212> DNA
 <213> Aspergillus nidulans

 <400> 7096

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<210> 7097
 <211> 739
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7097

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<210> 7098
 <211> 541
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7098

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<210> 7099
 <211> 915
 <212> DNA
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<210> 7100
 <211> 198
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7100

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<210> 7101
 <211> 765
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 7101

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<210> 7102

<211> 972
 <212> DNA
 <213> Aspergillus nidulans

<400> 7102

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<210> 7103
 <211> 650
 <212> DNA
 <213> Aspergillus nidulans

<400> 7103

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<210> 7104
<211> 1279
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7104

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 <211> 220
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7105
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<210> 7106
 <211> 657
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7106
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<210> 7107
 <211> 1239
 <212> DNA
 <213> Aspergillus nidulans

<400> 7107

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1239

<210> 7108
<211> 1417
<212> DNA
<213> Aspergillus nidulans

<400> 7108

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<210> 7109
 <211> 844
 <212> DNA
 <213> Aspergillus nidulans

<400> 7109

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<210> 7110
 <211> 1031
 <212> DNA
 <213> Aspergillus nidulans

<400> 7110

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<210> 7111
<211> 208
<212> DNA
<213> Aspergillus nidulans

<400> 7111

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gacaccacac aagcagcaca cctgtata 208

<210> 7112
<211> 790
<212> DNA
<213> Aspergillus nidulans

<400> 7112

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<210> 7113

<211> 1017

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7113

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<210> 7114
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7114

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<210> 7115
 <211> 918
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7115

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<210> 7116
 <211> 801
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7116

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<210> 7117
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 7117

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<210> 7118
<211> 1473
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7118

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<210> 7119
 <211> 917
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7119

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<210> 7120
<211> 1183
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7120

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<210> 7121
<211> 622
<212> DNA
<213> *Aspergillus nidulans*

<400> 7121

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acatagttct cctaccaaga aa 622

<210> 7122
<211> 637
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7122

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aagatcggat ggcccggctt ggactggatg gtccactggc agaactgaat cctacgagag 180
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atatcgctat aaactccacc gcgcgccagg aggatcagat acctgaaaaa gtcggctttc 360
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tatttgacga ggtgatgaag ggtatcgtct ggaatgactt ggtgaacgaa gctgggggttc 480
atctcgggtcc agctcgcta cggtcgtcgt aggtcctgac taaaccacac agaagccgga 540
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tggtagcgca ngcgttcgcg caaggagca gtatctg 637

<210> 7123
<211> 595
<212> DNA
<213> *Aspergillus nidulans*

<400> 7123

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acagcgagaa gtgatcctcc ttgcagacct catcgactca gccaaagcctg gagacgagat 180
cgagatcacc ggtatttacc gcaacagcta cgacgcgcag cttaataaca agaacggggtt 240
cccagtcttc gcaacgatca tcgaggccaa ccacgttatc aagtcccacg accagcaggc 300
tggtttccaa ctaacagaag aagatgagcg tgaaatccgc gccttgtctc gggacccgga 360
cattgttgag aagatcatcc gttcaatcgc ccctagtatc tacggccacc aagacgtcaa 420
gacagccgtt gctctctctc tcttcgggtg cgtccgcaaa gaaacacaag gaaaaatgtc 480
aatccgtgga gacatcaacg tcctcctcct cggagaccca ggcaccgcca aatcccagat 540
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<210> 7124
<211> 613
<212> DNA
<213> *Aspergillus nidulans*

<400> 7124

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 cgacctcgtc gttagacagt cccagaccgc cctgtccgcc ttcagcctcc cttctctcac 180
 gcgcctgggt agctaggcgc atcgcaactc gtttgaagta gtcagacatg ctccgcttag 240
 gtcttggcgg aagttcagcg ccaggccctg ccatgtactt gtcgaatacg gcggagtcgg 300
 agtccaccac tgagaatatg gagaggaagg cagcttctgc tgcgagcttg acaggaatga 360
 ccatgtcgcg gacgccggca aatattggcg gtgcgagaag cccgagatgg ggccgcgtca 420
 gctctgagtg caggcggccg actgttcgga tcacgaccag cgccagtcgc cgggtgtcgg 480
 acggcgtgcc gggctgaagg cacggtgaca aggcctcgaa aatagccttg ttgctttcaa 540
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 ggctgtcgcg tag 613

<210> 7125
 <211> 405
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7125

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 ttactgggggt tgagagtaca ttggagactc gcggcttgta actcgatgct gccgaaggca 120
 agagatggga atccattttg acagcacgtg gaacatgata ccttagttct atgaccggat 180
 cgtcattgat gaaatgaaaa cgtcccgtg cggattgagt gtccgctttt tgctccgact 240
 tetaagcgcc tcagcttagc agtcaagga gaccatgctg gtaggtccct tcccacgtca 300
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 gatgagtact aaagagacac gtccagacag ctgggtctgtg agctg 405

<210> 7126
 <211> 584
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7126

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 gaggaatttc tggccagcct gacaggcca gactcacgct tgccagtatg gacagagcct 180
 gaagatgggt cactcccatc tgcgatgctt gagagactac gtgacggccg cgatctgac 240
 cggatccaca acatagccgt ccggaagtcc aagcgacctt ttggtgagat caaaccttc 300
 catgaagacg ttgccaagcc atatcgaaa gcagataatc ttcggtattg gataaaggcg 360
 gccgaactgc gctgggagac gaagctcgaa ctggacgtca tgggcgtcgt ctatggcacc 420
 agcgacgagg cgtggcacca gtttgatcga gccattgcag cctgggtgaa gtccgtccga 480
 gaagagctct cgcaagacct tcgagtattg agaagacgag cgactgcagc cagtgttgac 540
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<210> 7127
 <211> 1023
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7127

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 tagaggcttg gcttcctaac tggggagcta gccctaata gccgaccagc agcatctagc 120
 gccgacctca ccatgtcgaa atatatagca aaacaggggg cgtttcccat accgggtccgt 180
 caacatctcc tgcagcaatg gagagctata ctgttaactt gacgatccca aatactcacc 240
 tccttgctga cggcgagagc accgcgcccc ttccaggctc ggtctctgtc tctccagcca 300
 catcagcatt tgcacgccc gtctcagccg tctgtcggcc agaaataacg gtgaagctgg 360
 tccgtcttgt gagttctaga aggccgagac caccattccc aggaaatgaa accagcagca 420
 agactctgcc ctggagacgg atgactgccc aagtccagtc cttcccttcc cagataccca 480
 atgcacaatc gcaaactg gcgaaatgta tcattctggc cagtctagac gtgaccagcc 540
 tggatttcca ggagcgggaa ttcagctttt cttttctatt cccgcaacat cccgtcacag 600
 ncgacacagt tttgggactg tttctacact ataaccggac ggtagcttag ggtattcgta 660
 gggtcaggat tgaagccatt cgatcgagag cgcgcgcgag aaccgttgga tatcggcgtc 720
 cccggaggcc gtgtaacgaa tggaatgggc ttgcctcaaa aaaaagtccg gcggaacaca 780

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 gtgttctaac gaatttattt tttgggaaaa aacaacggag actcacaata cctctattgg 900
 ttgggcctgt tttctatcta tctcaccacc tcttctgatt tattattaac tttatattct 960
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 ttt 1023

<210> 7128
 <211> 930
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7128

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 ataatacgtc ccttactctt acccttcgcc ttcaattcgc aaaccaactt ccagaccctt 180
 tccgccgacg gccacgccat agaccctaac tccctcgggtg aggcactact cgtctgactc 240
 cgggcatacc ttgccgtatt accctgcattg ataacggcgc cacggaagcc cgccaacgct 300
 cgtccccagg ctaagtcgtt ccgcacatca tagccagact gccgcttgag tttgagggaa 360
 tctctagac tgggcaagcc tctcgttttc aggtgagatt ccgctatggg aggactaaga 420
 ctcgaaagtg caaggtcgac cccccaggac ttctcgtaga acaggagcgg ccggactgcc 480
 aaccattccg aggggaatgg ccttgcgttt tcatcttcca tgcttaggca ccattatccc 540
 cgggttcctt ctgttgtccc ctccgttgcc agtcccgtag tccccgggtc tcggtgtcac 600
 ctcgatatagg cctgttcttt cctcttcaaa acggcggcct tttctctta actcagaggt 660
 cnnnctgggc ccctttatct caacccttct ctccctgat ttattctttc tttcccccta 720
 ttgtttttta atacttaatg tgattataga ttttttatga tattatttat tgataaaaaat 780
 aatataatgg tttaaaattt attaaaggata cccnnnnnnn nccaccccc tctccctatt 840
 ttccttttgt gttggatttt ttattttttg tgtattattt atttcatatt tttcttttac 900
 tagttatatg ctttggggta ttctattctc 930

<210> 7129
 <211> 679

<212> DNA
 <213> Aspergillus nidulans
 <400> 7129

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 aatacaatac tcgcttttacg attgctagca gatcattcca gctagtttga aggtactgtg 120
 cgagagccgg aatatgtata ggggtgaaggt tgggtcaagaa gccgggtagc attatatggg 180
 tattcaagcc atctttcgaa gatatggacg taacgagtat ggtattcatg aggcgtgact 240
 ctgatcaaat aggatccaga atatgcatg tgggaagagct tgggatatta tatgaaaatg 300
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 ctcaagaccg tgcttccaga gagtggcgta gggggtaaca ccatcctcac ggaagtcaat 480
 caggatgtgc ctggaattca agttagttag aagtcgagc acttcagcct gctgcgaata 540
 catacatagc atcaccgtcc atggactcgc ccatgagaac atcgtagttg tcgtagttct 600
 tgagaatcat gtaaaccgca gcaggagcac ctttcttgaa ctcgttatgg tctcgcgggg 660
 gcacccatat ccaaagggc 679

<210> 7130
 <211> 1105
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7130

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 aacatatggg atcttccgaa atcgtttagat gcagctgatt cagacgcggg ggcagataaa 120
 tccgcttctc cctcaataag cgcacctcgg cccatcgga acaacctaaa ctatacttcc 180
 acccgagcat tcgatctttt agcccatccc gtcgtgagaa tcaggccgag ccagcgccga 240
 aaggttgctc tctcgcgaat atccttaact tcccatacca agcgccctga gttcgccgcc 300
 gatggattcg tttcctgact tcttattgag cgaactggca atgaaggatga tgctccggac 360
 gatgggagca ttaggacttg ggggacgaac tataagctcc caggggctac gcgactgata 420
 tgcttgagct gttcttggtg gaatctcacg tgcgggtcct gggccgcac tcccagcttg 480
 aagtcgagat tgagcgacag aaacgaagga aagctgagtt attttcgagg ccgaaccggg 540

atttcctgat ctctggcttc gctagggagg agcgacgcc gtgggttttg ataagagact 600
 gtcgttatct gtaattatga aaagtctctt gatatatccc aaaataaaac tttaaaaacc 660
 tgaggccgca tgatcatcat agtgtttata cttagatatt gcagagtcac ggtatacatc 720
 ggcatgagct tgggcggcgt cgatcttcct tacctgcgag tgacttcttt caccaaacca 780
 aacatgggaa ttggttgac tttcctcctt tctgtttcat aagaaccaga atattcagcg 840
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 acattttgtg tttgtccctt tgttgctcca tctgaccaca attcctttct atttaggggt 960
 gtgccacaaa agggggacaa aatttttctt tgtccaaaca agatttttta aggaatatc 1020
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 gtcgtactaa atacttcttc tttaa 1105

<210> 7131
 <211> 825
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7131

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 cactccacgt ccggtccggc ggccacagga acgcccaggg gccatctct ttagcggctt 180
 cttcgccatg agtctgcgac ctagctacag tagacaggcc gacaaaaaga gcaatgtgac 240
 gtctcatttt ttgcgagact gaagagctgg atgtctgaca gggaataaac ctgatgaagg 300
 aaggagactg tgatacgggg gcagcatccg gcggacaccg atgcttttaa ggccataaca 360
 tcctctgata agcaccaccg ttaatgtagc attcgggcta tattagatga aatagtctag 420
 agtgtacagt gaccgctttt accggtcaaa gaaccgactg gattgagtca tgaggggtgtg 480
 acaaggcaga cttttctcgg ctcgagagtg caacatgctc agaccaccgt acaagtaggg 540
 gctgcggtcc aattggggac gaataaacca aagcgaggtt tgatactaga cctgcgccaa 600
 gcgaaataga tgaatcaacg ggcaagaact agtggatcgc agggttcaag ctgatggccg 660
 gattcggata tcaatcagat aagatggaga ggtggagaca aactgngag tttgccgtcc 720

aattaaacag ctgaggcatt tgtctcctca cttgtcggct gtggctccac gagatgttgt 780
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<210> 7132
 <211> 711
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7132

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 catggtagat gtgatcacia gtcagcgcgc gaatggaatc gtcacatca aagtcctcca 120
 tgcagatagc gcactcccgg tgcgcatcgc catggctgga agcaacctca tgctccacag 180
 acgcactgac ttgaacttcc ttctctgaag cgtaagcgg caaagccaga ttggacgctg 240
 gtgctggtat tgacctggc gcttggtcgc tagagtcccg gtctgggtcg acctcgcttc 300
 tctcagaatg ttttgcttgg tggcccgacg ccgctgtcca ggccctaaat ttgatcaagg 360
 gaaaccgctt ttccagctct gccgaggtca ggatggcgtg agaaaagccc atcgccagc 420
 tctccgggtc aagttgccgg ttaggtcttc tgaaccgctg tcgctgccc aaaacaatcc 480
 tgtatcgaaa actgttcaga atgagacgag gagacaggca agacaatatg agacatggga 540
 ggtaccagac gaagatgaag aagaccgca cgcagattgg ggccaaatag cccaggggtg 600
 ccccgagggg ttcgtccgag tccgtgcgca taatacgacc caaagcttgg nttaggtgcg 660
 antagacatt agattgagat aagacagatc tcattcgacg atggaataga c 711

<210> 7133
 <211> 1457
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7133

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 aattaatttc ggcttgttct actaggattg atgcgaatat atatttgcaa agacgagaaa 180
 aaaaacagtc ctgcacgtgt gaatagtggc atcattcata gaaaaataat ccaccatgct 240
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ccagtgtagc ttttgcctta tggaaacgcc ggtagtcact ctgtttgcc aatacatccac 360
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 aacttctccc tcacaatctt ctactctct accctactct cacttcaccc tcacctctt 1260
 cttactacct tctcactctt cacttcaccc tctcacctac aattgcccgc tctcacatac 1320
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<210> 7134
 <211> 507
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7134

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 aaaaaagagg aggaagtggg aagaagagcg gctggagtga cgatggatca tggccgcgaa 180

gcgggttctta gtacaactgt ccgccaaaag cccccgtcct agtgtaaatt acggtatgaa 240
ctcccaccag gccagcact ttgtaaatag agattcatct tcatgtcttg ttctccatac 300
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tggttggtgc gcatgctaac gatcaggtec cggatgactg actttctcta ccagtctcag 420
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agtacaacat tcctttatat ggcagac 507

<210> 7135
<211> 1149
<212> DNA
<213> *Aspergillus nidulans*

<400> 7135

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atttttgtta tttttttgtc atttcttttt atattctttt tattaatatt atagttgttt 1020

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<210> 7136
 <211> 940
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7136

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 cctttaactc ttgattcggg ttggcgaacc gagaaactgg gtatgaaaat cggctttctc 180
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 ggatgagagt agtggttagct ggcgtacatc cagtcgcgat ccatagtgtc caggttctgg 420
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 gcatctttga atccgttagt tgagattgca acgcttctaa gacctagcac ataccgcgtt 540
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 aacatacttg agcgatgccg aaaagcttcg tagagtggct gaagctccag tggcccaact 840
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<210> 7137
 <211> 652
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7137

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ttccgggtga ccggacatct tgatatctag tcttgagggg ttagagacat agtgtgaatg 180
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tatataaact taaccccgat ttcaagcttt acaagtgtca gcttaggttc gtgaaactcc 300
aatgactaag agacccaaat aagctagacc cagataagaa taatctcatt agaactaatg 360
agtcactactaa agtaaggctct ataaacgagc cagctcatac taactccaaa gtcatttttag 420
agcgcatatc tcagagaact aggtaaatcg atgtctacgt tatttagcat aacctatgaa 480
cgacaatgct tagacaagat accattgatt aactatagcg aacctctgcg gaagagtaaa 540
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gaagcatcct agagtgatct atacagacac acgaacgtgg cacggcttct cc 652

<210> 7138
<211> 855
<212> DNA
<213> Aspergillus nidulans
<400> 7138

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<210> 7139
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7139

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 <213> Aspergillus nidulans

<400> 7140

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<212> DNA
<213> Aspergillus nidulans

<400> 7141

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<212> DNA
<213> Aspergillus nidulans

<400> 7142

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 <211> 648
 <212> DNA
 <213> *Aspergillus nidulans*

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 catcagacga tacgaactag ttggcgtttg tacaatctac tgcattttct gcatccggga 600
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7144

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7145

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7146

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<210> 7147

<211> 744

<212> DNA

<213> *Aspergillus nidulans*

<400> 7147

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<210> 7148
<211> 642
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7148

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tcaggcctga agggccgctc tgtgcttgca ggttggcgcg gattatccat tacaactggg 180
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<210> 7149
<211> 1222
<212> DNA
<213> Aspergillus nidulans
<400> 7149

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 <211> 500
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7150

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 <211> 584
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7151

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<210> 7152
 <211> 559
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 <213> Aspergillus nidulans
 <400> 7152

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<210> 7153
 <211> 663
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7153

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7154

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<210> 7155
<211> 730
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7155

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ggccatttct 730

<210> 7156
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7156

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atggccaggg agcactgcat tggcaggcaa ggactctgta tcagaatttt gagtgagaaa 840
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<210> 7157
 <211> 762
 <212> DNA
 <213> Aspergillus nidulans

<400> 7157

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ttgaagaccc gagggaggcc ggtatcctca taagtgcgtc ccttcaaaat catgtctgca 180
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 ccctgaaagt gcgttgcatg aaatcgatc agtagttctt tgctgggttcg ataagcgtgc 480
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 gacagcagat ccctcggcaa gggacgatat tcgaaaaata ctggggaagt agtccggaag 720
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<210> 7158
 <211> 1099
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7158

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<210> 7159
 <211> 1001
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7159

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 tgacatgctc cgagagaagg gttaggcatg gaataacttg gtacagcgta caataaacgt 480
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<210> 7160
 <211> 792
 <212> DNA
 <213> Aspergillus nidulans

<400> 7160

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cttctttccc ttcacaacct tgctctcttc ttttttcttc acatcctcaa gatcagcctc  180
aagggccttc aacettacct ccttaccctc gatatcagtc tttagcgcag caatccggtc  240
ctcaagctcc ttctgctgcc tacccgcac aacaagtagt tcccgcttct tcttcagagc  300
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gcacttgTca tgcattttct tgcccccaac acgggccccac tCGtcgctcc catcgCagca  420
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cctgcagatg ggcgacatcc aacgggggtgt ttccggacaa gtgagcgcac gccgCGgtgc  600
caggttcac actaccatcc ggacagtcgc aaaaatcatc gtttactgCG gagaacggga  660
ttttgatagc ggggtgggag atgcaagaga aggtcgtggt gtctttgtag aactgggcag  720
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<210> 7161
 <211> 543
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7161

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ccagggttag acgggggtcag agcctgtgtg tcttccggcc ccgaggcatt tgcattgttca  180
ctggactgga cggcagtcct attgaagtct aggagtgtga catgcCctag tctaggaaga  240
catagtagc gcaccccgag aatacgcat aaactggctc nCctgaagag tctggctgac  300
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ttatggagac tcgtgacggt gcgaaagtgt aacagcaggc ttgttcctgt acctagcccg 360
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 ggtggcgacg gcttagttaa cacttgtgtg tagtactgac ggcggtactt gccctggaga 480
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<210> 7162
 <211> 953
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7162

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 tacttttcta cacttcttta cagcatcagt tcaactcaac gtgccgttcg taccacaga 180
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 ggtcccatac tcatccaact gccgtttccg ctaccccac atcgcaatag ctagtgcacg 300
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 tgggtggcccc ccttggtggt attgtttccc cccacacca atatttatct tttcttaaatt 900
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<210> 7163
 <211> 660

<212> DNA
 <213> Aspergillus nidulans
 <400> 7163

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 agcacgatta agtgcagacc ttaatatgcc gtctcacaag gcggagaatc gcaagggttca 180
 ctcgatgtat ccagatcacc attcctctgt cgtcgagctt ctcaagccct ttggcatcga 240
 aatggagttt caccocgtcg acaccaatga aactccctgc ggaaaccgca tgctcatgaa 300
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 caagcatagg aaaggtgaca gggggagctg acaagccggg cctctacaat gtccgcgttt 480
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<210> 7164
 <211> 1291
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7164

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 tagtgcacaa agaaaaaagg gtacaggggc cagacttcgc aacgattagc ttgcagctct 180
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<210> 7165
 <211> 794
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7165

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 tttccgtctg gccggtaaac aagactcgtc gggactttgt tggcaagtgc gctgagcagc 180
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 tgtgcatgtc atgccaaaat caatccccac cacaatgtct ggaaaccgct cttctacca 360
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 tttgattgct ctgaaacccc atctatgcac aaagaatggc ggtgccttcc aatgagccaa 540
 ttgcatgacg gaaaaccaga gacttgtgtt gggccatgat atttgccaa cttgtgcatg 600

tttaaattgc agggggccatg cccatagacc tattcagaga gggctagccc aacagtcccc 660
 ttttgtcccg acctactagg attttcaact gtacgtctta caccaactga tgctttgtaa 720
 aactagcttc ctctgattct tttgcaatcg ngtggaggac actcgtgtaa cattaatttg 780
 gattgcagac taac 794

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 <211> 877
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 agtagactng agctagtctt ctttccttcc ctgtgaccac taccgatgca gcaccgacgt 780
 tacaataacg gngcggaatg cgtgtacgca aagcgcaatg acagcagctc cttcaagttg 840
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<210> 7167
 <211> 971
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 7167

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tataataact ataaactatt ttacatgcc aaggtatta aaggatttat aaataaaatc 300
taaagtaata gtttataatt tagataataa aaacataaga cttttcttac tataatctat 360
attattaata tactagttac agatagtttc taagcaggta ttagagaact actattttaa 420
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<210> 7168

<211> 407

<212> DNA

<213> *Aspergillus nidulans*

<400> 7168

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<210> 7169
<211> 1038
<212> DNA
<213> Aspergillus nidulans

<400> 7169

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atgaggttga taaactgggt actgccgatg gcaaacttga cctctacacc attatggctg 180
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ccgctcacgg agagcctt 1038

<210> 7170
<211> 470
<212> DNA
<213> Aspergillus nidulans

<400> 7170

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tccaacggcc gaagagcaga ggaaggcgca atacaggcac atggaacagg ccagactggc 180
caggaggcaa acagagaagc tctaggtaga ctaacaacaa tagaccctg acccagacga 240
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<210> 7171

<211> 551

<212> DNA

<213> *Aspergillus nidulans*

<400> 7171

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agaattggaa gctctcattc gctcggagac agccaaatgg gaaacgatga acaaccaaat 240
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agccataatc acaactgtac agtatactga atctcgaaac aaaccatcaa ttgccgttac 480
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<210> 7172

<211> 316

<212> DNA

<213> *Aspergillus nidulans*

<400> 7172

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 tgaccaactg tgccctggga ttatcccca cgtgttcaca ggtcacacct tccttttgtc 180
 gagacctggt tgttcatttt gcatttgcac gaatagggtg gggcaaggga ggtagccatg 240
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<210> 7173
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7173

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 ctgggactgt tatttgagat acctgaatta atgcttatgt gcttttcgaa tatttagtgg 240
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<210> 7174
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7174

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 tgctgcagga caaagaaagc gtgccagtag ggccattgt caatagaatc ggcttcttg 660
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<210> 7175
 <211> 763
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7175

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<210> 7176
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans

<400> 7176

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ctgaacgcct gcaactgccg attccagggc tagttcaca acaaagacta ctcctttcga 480
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<210> 7177
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans

<400> 7177

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gactacggag acaacgagag gaagcaaccc ccaatcaacg ccccatagga cagatcacat 180
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tctacaagag acacgcaa atcgaaccatac accgaattga gtggccatcg aacagccacc 540
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609

<210> 7178
<211> 477
<212> DNA
<213> Aspergillus nidulans

<400> 7178

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gacgataggc ttcacaatgt ccatgtggtc catgctatcc tccaccaccg atccgtgatt 180
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gctgccacca gttggtcata acattctgac agcaccgtct aaggacaagg tctcgctcga 420
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<210> 7179
<211> 1266
<212> DNA
<213> Aspergillus nidulans

<400> 7179

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<210> 7180
<211> 1002
<212> DNA
<213> *Aspergillus nidulans*
<400> 7180

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cgcttgacac ctcttttctg cagccaagag ccagccaag aggaccaagc gactagggtc 480
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<210> 7181
<211> 611
<212> DNA
<213> Aspergillus nidulans

<400> 7181

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aaaccgtatg tggttcatat tcggccggta tcgtattgat atggttagtg gtctaataaa 180
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gaatatcatt tgctgcgaag gtcaacaaat acaaccaagc ctttaataca gcgctgtaca 420
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aatagctctt tcatccactc ccagtgttac tgaagagtct tacgcttatt acgagaactg 540
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<210> 7182
<211> 1018
<212> DNA
<213> Aspergillus nidulans

<400> 7182

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<210> 7183
 <211> 561
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7183

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 aatgcatact ctgtataata catctctaag gaatagtata cataacccca cctggaggtc 240
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gccactaact gaccgatcaa gggaatggca ctaaaactac actgcttgta gaccgcattg 480
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<210> 7184
<211> 717
<212> DNA
<213> Aspergillus nidulans

<400> 7184

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aaactcaaca acgcctcgag tgaccgcgtc ctgaacaggc atctggattc cgcacctatt 480
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<210> 7185
<211> 517
<212> DNA
<213> Aspergillus nidulans

<400> 7185

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acccaaacac gcaaacagcg acggaacca aaaccaacag ccacccaaac cgcaggacgc 180
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<210> 7186
<211> 1118
<212> DNA
<213> Aspergillus nidulans
<400> 7186

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1118

<210> 7187

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<212> DNA

<213> Aspergillus nidulans

<400> 7187

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<210> 7188

<211> 808

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7188

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<210> 7189
<211> 701
<212> DNA
<213> *Aspergillus nidulans*
<400> 7189

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gagctcaaat atcgccctga agccgcagct gtccaatgct ctgagcgctg tctttatcag 180
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atatttcgat actcgccaat acgaccgatg cgctcagtg ttctctcccc cgacaatatc 480
gccggtctca ttatcaacat cgtcgccgca atcaaaactc aaatcatcac taaggaaccg 540
taaatacacag ggctctccac acgctggatt gaaggacaac gatttgaaga ggagtccata 600
tccaaagctc agtcagaaat cgttggttct cgcattatat gccaaatatc tcgctgggga 660
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<210> 7190
<211> 1186

<212> DNA
<213> Aspergillus nidulans

<400> 7190

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tttaaataca atgccaggta cgatttttta cctgggggta tgggtccaaac agatcttaaa 180
attccggggc cgaaggggtt accccagcca aagtccgctc caaaccataa gggttatcct 240
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attaattctc tcccagaaaa catcccttta tccaaagttt ggtcagcctt aggtcttggt 360
atTTTTgaaa cacagaggaa tctagctggc caaatgcatt caatgggtga taaagccaga 420
atatggccct ccaaacacca gaggttacgg tgacaaattc aaccctagtt gtctaaaaga 480
gataacaaaa tctgtcacgg agcccccttt taaatcccaa cacaaattgg gcatggccat 540
tgccctggtc ttatccgaga cacaaaatat atttttcttt ccctatatatt taaagaaatc 600
ggtttctccc caatccaaaa atatggctac ttaagcttag aatgcattca ctcttagtag 660
ttgaaaaaaa aaaaaaaga aagtaagaaa aaagacaaaa gtttagtttg ccaaattcta 720
tattcttctg ttccctagtg gctgaactgt cacaggtcta acaagttctc cccgcttcct 780
gattagttgc ttgtgcatgt tcccacgct gctggtgca gcccattg tctgccctat 840
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<210> 7191
<211> 499
<212> DNA
<213> Aspergillus nidulans

<400> 7191

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ctgcggtcgc ccgattttca agaactgctc gcgaaacata agataccacac tcagctcgat 120
 cttgaccgga tcctggtgac tggagaatct gccggcggct tgctgagtat taatgcgta 180
 cttacccatg cgtctgaggt tcgagcggcc attgccacgt acccgtcgct cgacccgagt 240
 tcgccagatt tcacccagcc ccggacagac ctctctccgt ttggccagag tttgccgaa 300
 tcgctgattg aggatgtcct aggtcctgtt cgtgatggaa atccggtttc ctcgctcgtc 360
 gggcaggagt acctccccgt catgtgtgca gcgattcagt atggtcggct cgggtggctgg 420
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 gaggagcctg atgtgcagg 499

<210> 7192
 <211> 683
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7192

ggtaggacga gtttctgttt gagaatcttc tcttgacgt tcgcgtggtt atttgcctta 60
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 gctttgccat agggtttgcc ttgaatgact tcgggggcca tgtattcgat tgtgccgagg 180
 gaagagttgc agcggtcgtc gtgcgccacg gcgattttgc tgaggccgaa gtcagtcaga 240
 aggaggtgcc cctcgcggtc aaggaggcag ttttctggct taagatcgcg gtagatcacg 300
 ccgacgttct gatgtagggtg ctccaacgcg aggaccatct cggccatgta gaaggccgca 360
 gcgtcttcgt caaacatgcg ttccatcgcg aggtgggtga agagttctcc tccttgggcg 420
 tactcgagga caaggtaaag tctttcgtgg tcctggaagg cgtagaagag ctttacaacg 480
 aaggggtgtc gattcacgct ttccagaatc gcgcgctcgg tcttcgtttg ttccacgagt 540
 ttcttgtgaa ccgtaatcga ggctttcttg aactgtttct gcgcgtaaag ctttcctgtg 600
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 tcaaaatcat cggtagtcac ttt 683

<210> 7193
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans

<400> 7193

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cctggaaccc taacatgggt gtaagtgcac ccggaatcac attcaacagt aagacgggga 120
aataaaataa cattatttgc acggacatgg aactgagtgt agtaattaat gagcctagcc 180
tgactggggc cagccaaaaa gggatccagg ggttgctcgc atcatgctct tggccacctt 240
agggctttac ttggtgtctc tgggagagga agtaccagat ccccgtaagt ccaccttttg 300
catcctataa gaccctgagc ggctgagcct gcttggtatg taagacatgt ccgcgacaat 360
gagggttaaat gcctacacct ctgctatacg agttcgggcg cgtcagtcca gtactaactc 420
cgtataatta tttagttaaa tagtcggggt ttaggtcaac cctagagctt acataagtgg 480
gttattatct taacgttata gtcgaggatc gtttcgtgtt tcgcgtcctt acatttctcc 540
acgtccaaat gtctgaatca agcgaggcca ccg 573

<210> 7194

<211> 864

<212> DNA

<213> *Aspergillus nidulans*

<400> 7194

ccaaccgagc ccacaggccc attgtaaatc aactgccttc gtgtgggtctg gggcgctcca 60
ctcagagttg tcctgatatg cggagaaatc cttactgtat aagtagcaga acggtagata 120
cctaggtgat cctggggcta tcatcaaata gtgcaggcca tttggaagaa cccaccgggc 180
tcagcctgat aataactcgg acggagtggg gggacgaagg ggccctgcag tactagatta 240
tattaatccc tgtcaatcgt cattaacaag cctgtctcag gtccactgtt tcaactagt 300
atctagttga ttatgcacaa tggtaggcat aaaaaaccac ccggccttgg taggcatgt 360
gtaagtggaa tagatgatcc cgggagtacg gcgagagatc tccgagtcac acagcaactc 420
tagctcacia gcagtctacc gcgtgcagtt gtatttttag ttgtttcaga atgggcacgg 480
cttctacgag tgtagtctat tgggttatagt cccaccgtat ctggcccaaa gatagacgca 540
tcgtacatgt ggatagtcct caaaactgtt gcggctgtag gctatttgat tcccacttga 600
tgcgagatgc ttgatagtac cttagagctc cttagcaact agtttttttg ttttagatta 660
gggcccactg gatctctcga aagggtgtacc gcacgtacag gagtatatat attgccaacg 720

actacgtaca aaaacctatc cttaaagacg gtttcgcatg cgaagaatcc aacgggaata 780
cagcatgtac acgtacgtag tttgccccga ttcgcgcaga atggcagtga tctgtgatcc 840
tgcagagaaa tattgttgag caga 864

<210> 7195
<211> 574
<212> DNA
<213> Aspergillus nidulans

<400> 7195

ctttttggcc ttgtacgttg ttccgatccc cggcatttgt tttcatgttt catgcctaac 60
cttcacgtcc agtttcgcaa caagttcctt cccaagggtg tcaagatcgt cggatatgcc 120
cggacacaga tggaccacaa tgaatacctt aagcgagtgc gctcatacat taagaccccg 180
acaaaggaga tcgaagagca attgaacagc ttttgcgagc tttgcacata catcagcggc 240
caatacgacc aggatgactc attcaagaac ctgcgcaagc accttgagga gattgagaaa 300
aaccaaaagg aacagaacag agtcttttac atggcggttg cccccagcgt tttcatcaca 360
gtctcagagc aactaaaacg caactgctac cccaaaaatg gtgtcgctcg tattattgtg 420
agttggattg cgtccaggt gaacggaagg gaagaaaagg ctaatcgggt ttttgtcggg 480
ttgtaggtcg agaaaccttt cggcaaggac ctccagagct ctcgatgatc ccagaaggcc 540
cttgagccca actggaaaga agaagagatc ttcc 574

<210> 7196
<211> 476
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7196

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ccccacccc ttccatcttc ttacaattct caactctatt attccttact cccatcacdc 180
tacttttctc tcttcttctc tacctcttta tctcttctct ctccccctac ttttaaccgc 240
cctaaaagta cttacacaca attctcgggg gggcctttca acctattctt cctttcccc 300

tcaaccccc catttctaca ttactatcc cttattgcc tcaactcacc gatttcttga 360
 ctctgtctg tctctccttc ggacacgtcc ctatctaccc tctatacta ttactatcta 420
 ctacttcaact ttcaccctct actttctctc aagtcctaatt ccatcttctc ttatta 476

<210> 7197
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7197

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 gtccatatta cgttcggcat tcacgacgac atgatctgca atctccctgc accgtgatgt 120
 gcactacatg acaaggaaga aatattagag ctaccacttc ttagttctag cccattcatc 180
 catccctttg ccaagttcta agctcatttt atccccctac aggtggtaag ggcgagagag 240
 tgatagacaa ctctgctgac tcctactccg actccgattc cgattagacc tgtatccgtc 300
 ttttctcatc tccctcttcc ttgttctcct agaatcaaag attatataca aacaataatc 360
 cccaagagat acgcacgcac acgctgtgtc gccacaaaga caaaagcgtt cctattgcgg 420
 gtgcctcagg aggctgccag cgctgcacgc gcctcagcga cccatcttgc gtgtttccgg 480
 cagagatgcg cggagggnntt atcaactcaag ctaactggaa aagctcaagt gaaacacagg 540
 actgcgccga aaagatggag aggaatacag ggtg 574

<210> 7198
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7198

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 tgctgagggc taggagccag ttctcttcta tttgctgggc cggagcaggc gggagggagg 120
 ctttcagctc ggggctccag gacgaggggt ttgcggcgtc ggcgcaaaag acctgagctc 180
 gggtgcttgg agtcaagcct ttgtcttcac ccttctcgga cggggaaggt gaggaagaca 240
 aggagaaggc gcggcgggtt tccttttcga gtctttcaac ccgctgcttt gcgaactgcg 300
 cctggacagg gatagaggtg ataccgacgt aagagtcgaa tagcggcttc ttcgggctcg 360

tgctgtcttt cgcacccccg gccccgtcct gttctgctgt ttctgcttcg catctatgca 420
 tccccggggcc cgttccccgt ttgtacccta gtatccgcat cgactgggtcc ccgcacccaa 480
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<210> 7199
 <211> 747
 <212> DNA
 <213> Aspergillus nidulans

<400> 7199

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 cagcagttaa ctggcaaaag gaggtacat attcccataa ttatcggacg cccaccttct 120
 caccaaagag ctctttacgg tggccaatcc tccaatcgga cagataacgt ctgactgtaa 180
 cgacagcagg tattcttaac tggctggaat tgggaaagac cgggaaaata gagcagataa 240
 agcatatagc aaggcaggat tgcgaacaaa ccagaagggc caagctggat agactgtccg 300
 cgacattctc ggatggatct ccagcaaagg atctgagcat gactaagaga gacaatcaat 360
 acgttttatg gggttcacag cgtctgctat taatgggtgt ggactgctg gactacaacc 420
 gacattactc gccctacgcg cggtgctac tgtgcagaaa ctttctttcc ggcaaggat 480
 cggaatatc actgcataat tgcctagtag tatcgactgc tcattcgcta gagcatgacc 540
 acggatgctt gagggagaag catgcttgat acttccccct ggatagttcc cttatctgag 600
 cccttaagca agaacaccca tgggtccca ccgtggcaaa atttttggtt cctgcccag 660
 aacgtttcta tttcatgcg aaccagataa aagttaacaa ctgcttgaac gttgtctctg 720
 tcaatcacct tatggtcata aaaaaca 747

<210> 7200
 <211> 611
 <212> DNA
 <213> Aspergillus nidulans

<400> 7200

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 cagcattggc atactggtca tgcacgcaga gcagaactac acgaccttct atccgtgcag 120

cgagctcccc gtgcgcggct acacgaccct ctgtctgaac aatgcacaga tcaagacggg 180
 tctcatgaac gatctggacc tcgagacaat gatgagtgat gtcggagcag gagtgcagtt 240
 cctgcgggct atgggcgaca ttgacaaggt gattgtctgg ggccattcgg gcggcgggtgc 300
 gataatggct gcgtaccagg atgtggccga gaatggtgct tcggcctgta acgggactga 360
 gaagatctac ccttgctcga gcgccaggga cgggccggag cccgcggatg gggtgctgct 420
 cattgatgca aatcacggac tctcgacgat gactctcctg tcgctgaacc ctgctgtcac 480
 caactcgtct gaggcagtga acctctacag cccggcaaac gggcggaccg aagccggcgc 540
 aaactatacc tcctccttcg tgaaggagtt ctatgcagcc gtggcgctgc cctgaaatgg 600
 tctcgtcgac t 611

<210> 7201
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7201

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 aagaacttgc aatgaattgc ttcggagact gtcacgagcg gaggataccg tcttttgcg 180
 ccgggtatct atctttctct ttcaaagctt tcccttaggg gacaagagcg cagtgaatct 240
 tcggggcgaa tatcataccg agaacgtgac aacttttgat accatcgca atgacgcgat 300
 cagtgaagca catgatatgg atgtggatat gccggacgtg aaggcaacaa actcggtagc 360
 tgagacgcag aagcagcccg tcgctgaggg tgatgccaa tcggccgaac aggacgtcac 420
 taagatacca aaagtgaccg ttctgcagtc tagcgatcag actggggagc ggtcactcaa 480
 cctagatacc ctgtatccaa tcttctgggg gttgcaagct tacttttctt cttcgacaaa 540
 g 541

<210> 7202
 <211> 827
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7202

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 atcttgtggg cttggcaatc gcaaactga agttctgttg cagctggtgg aatgcgagga 120
 agcgcagtat cccgccgcaa agcaaacttg ctacgaacac agcggactct gccgaccagg 180
 agagaagacc agaactgtag cctgaaggac agacgaactc ttgcgtacgt agaggaagga 240
 gagggaggat tgcgtggcat agaccaaaga tggtgacgag tttgctgtgc aacgagagga 300
 gtaagatcat ctataggaga ctgggtcagc aataaaatgg gtgtctgctt gcagcaggcc 360
 cgggttaggg agcaccttat tatgcctgaa cgggtcgcct ttcactgtct tgtctgggtt 420
 gggattcggg ggggtgcagga cgtgttgaaa aaggatatgag ccggagatca cggcgatgga 480
 gaagaaagcc tgtagcatct tggaccgaaa cagttctgtc tgcgtcacc cacttattatc 540
 taaggagaaa aattagatgt ggaagggttg gtatttgtca gggcgtgggt tggtcacagc 600
 tttataccct tatcttagag ccttcctgcg agggacttca gcctcggtag aacttccaaa 660
 attggcatct atcagcaccg cacggcatat aggtacgcct aatgtaacat cacttatttc 720
 cagcgcagtc gattatcgct caccgttttt gtattggcct gatatgcggt cgagcaggcg 780
 tgcatacaga caagtttcta cgcgactgta gctcaactag gggaaac 827

<210> 7203
 <211> 746
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7203

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 atggaggcgc cggaggtttt ttgtatcatt accgctgaca gccggagtgc tactttctgt 120
 cgcagagaat ccccccttct ttaatgaggc aaacaagtc ttgttgctcg cctcttcgcc 180
 agcctcacgc ttcttctgtt tggcctctc gagagcctcg gcctcacgct cggcctgctt 240
 catgttagcc tcgtaggctt cccgctctc cctctctttg cgctccttct cttccttctc 300
 agcctgcttc ctgcgtaat aagcggcttc ggcagcggct tccttggcct caagctcagc 360
 catctcgcgt tcgatagcat catagtcaat ctcatcgtca tcagcaggcg cgggagcggg 420
 ttcggaaggc ttcgctgttt cctcagtagg agcgtcatct ttcttctctt tgatgctcag 480
 gtcctcgaca cccttgcgag cagcctcttc atcagcagcc tgcttcttag cagccttttc 540

ctgtcctcc ttcttctggc gcgttctctc ttcattcttg ttcttcttgg cagcctcttc 600
 ttcttcttcc tccttcttac gcttagctgc ctcttctct tccgctttac ggcggtgctc 660
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 agcggcagtc ttagctgaga cggacg 746

<210> 7204
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 7204

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 ctagtcttct tgtggataac gacgttagca ttggtgctgt ttgtggaatg tgaggttgag 180
 ctctgcttcg ccattctcgc acgcagttta gggctcaacc gctcagcagg cgaaacccgc 240
 aggtcgcctt ccaatgtaga gtatatagct gagaagagct ccttaatgtc agaggttgtg 300
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 tggttgtccg gaa 493

<210> 7205
 <211> 460
 <212> DNA
 <213> Aspergillus nidulans

<400> 7205

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 taaaagaagg tgttggggtc ccaattcttc ttgatcttgg ctagtcttct gtagttttca 120
 ccaaagaaga cctgcttcca gttcggctgg aggaagttgg actcgttctc gtaggtcccg 180
 gaccagaggag tgagagctc aagctggggc gcaagttcat tagtgaccgt ctgctgatca 240
 gccaatatct gggaccaggc cttctcgctt ccgaggggtga taccgaactg catagtgcg 300
 agggctttgc gccaaaggag aaagatggcg ttgtcgacat cgttgggtgt ggagacattg 360

agacctacac cgacggcgac gacattctgc gagtgaaat tgtacagaac ctgagccata 420
gaagcagcat cagactcgac gaacgagcgg ggaaggagac 460

<210> 7206
<211> 643
<212> DNA
<213> Aspergillus nidulans

<400> 7206

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gagccgtgag cctgagccat agcccctgtc gccgtcttca acttcgagcc taatagcttc 120
accaccatgg ctgggacaca ggacacgtac tttcccggcg ctgtccctgt cccggagggt 180
gagacatatg atcccgactt ctctcatccg tggctatata ccgagagcag ggcgatcgtg 240
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ctgctgcgca agttcggatg ggacgatagt gagctgcccg gcgcccgtgt ttctttcctc 360
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cgtattgata tctaagccaa gagggcacgc taacataccg cagctcttcg ccattgtaac 480
gcaggtcctc tgtctctgta agttgacgtt cccttcacgc ctactccacg ccagttctat 540
ggtcatatag atctcattgc tcaactggtag aagatggcta cgcacacggc ggaatcgagc 600
tgcacatctg gaacatacgc cgcagatgct ctcgatttca aaa 643

<210> 7207
<211> 521
<212> DNA
<213> Aspergillus nidulans

<400> . 7207

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gctgcgccct gatataatag actaagaagc actattagat cttctcttcc tccaaatctc 120
agcttactca gggcaacctc ccctgattat taatatttac aataccccta ctgcaccttc 180
aatcaggcct ggaaaagcta tacaggaact aattaaactc tctgactcct acttctccca 240
gccagttata ctagctggta atttcaacct actacatagc agatggcagc cctcccttca 300
gcaaagcacc tctaccttgg ccgaagcagc atcagaatgg cttgacagac ttgggttagt 360

attcatctct gagatagact cccctacaca tgatagaggc aatacccttg atctagcctt 420
 tgcattccagc tctactgccc tggctggagc ttataccaca gttgcagagt acctggatgc 480
 cacatcagac taccagaccc tcctgactat cctcccctgg g 521

<210> 7208
 <211> 708
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7208

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 taatatattg attttatctt actggccaaa aaattccaca ttaggggggg ccttttagac 120
 cagtaagcca ccgttcctct ccatatcgca tacctctgat tgatttacct ctatctttta 180
 catctttttt atctaatttc ctttaatttc ttcacctat tattatttca gatattttac 240
 ttcacatttt ccacatatta ttttatccct tcttcgtgtt tataatatat tttttttttt 300
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 atctttattt tttttaatct atatcttatt cctttcctct ctacttttca atatgatact 540
 tttatcatcg aactctatat attctctaatt cttctatata ttattatctc ctaactcaat 600
 actcttcacc tctactctat ttatatTTTT attatcatac cttatcggtc atctaccaat 660
 ttccattatt ctaaattcat tttatacaca cttttctaac ttattctc 708

<210> 7209
 <211> 654
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7209

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 tctggggcct cctccctca gtttaatgca ggagcagttg atcagcatgg tgaaccagcg 180
 agcactgggc ggcccatatc gtacgtgatc gaccagcctg tggatataag ctactatca 240

ctgaacgatg acacggaaga atccgacacg tacacgtaca taccgccgga tccgagatca 300
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gctacacaag ccacgtcgga cgtgccatct atgaaactac tctctaagca atctacggaa 420
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ctggacgttg tacggtcaaa gtttgtggat aatgagattg acctagacac actggactca 540
gcgttcacct ttgtcaagga aatgccatct tctgaaggca aaaacgcgca acagctttgt 600
tgcgtcagtg ctctatgata ggcacaagtg gactgtaaat gacagactga tgat 654

<210> 7210
<211> 538
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7210

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aggtctcatg acctgccaaa gctcccccgga agcaccggcc atcctcctag tcccccaagc 180
ccccccgacc gccacttcat cccccaccca tccccctacc cccccctcat ccattctccc 240
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ctcctcctcc ccaccccccc tgcgggggcc ttccccaccc caccctcccc ccatcccccc 360
attctccac cctcccatcc ttccccctccc cccccacacc acccaccac aaacccccctt 420
gccactccc cactacacaa cactcagccc cactccttca ctagcaccta cacaatccct 480
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<210> 7211
<211> 1087
<212> DNA
<213> Aspergillus nidulans
<400> 7211

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catagtgtac agtcactcct gccacctacg cgatcctgaa tgttccggga actgggaact 120

gtccagaata tgatcaatgg ctattactca cagtcgatgt aatatttaag tgatttcacc 180
ggcgctttgt ggcaattccg atgactctcg atcgtgtctc atagatagag atagggcttg 240
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ttcccaaata tcatcattcg atctccagcc caactccgcg gaaattcagg cagtgcacg 420
aagccatcca cgatgatcca catccaccaa acaatgacag cgccaacatc atgcttatcg 480
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tgggcatcaa tatcaatgac cgtcgtccat tgcgagatcg ctgattctcg tgttaccaca 600
tagtcatggc ccatttaatt atctcatgct ccgatgccac agagatacaa atcaccaatg 660
ggtttgccga ctccctgtgc cacactatgg attcccgctt tatgaaactg gagcggttcc 720
cgcgggcggt tctgtggtac ctgtgtatat taaaccccc gtttaattac cctgcccccc 780
tattttcgtg gtggacggcc ctcgatcggg agactgcact tccgagctct aaagggccct 840
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aatttttggg gggttgtaat gtccctccct ctcttctggg acccgattgc tttgttcaact 960
taagacacac cttttggctg ttatactaac ggttcctcga aaactataat tgttacctaa 1020
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gggtggt 1087

<210> 7212
<211> 608
<212> DNA
<213> Aspergillus nidulans

<400> 7212

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gacgaacaag tcatccacat ggtccccatt gtcgaactt ctagagggaa gaagtcggca 120
gacatccatg ccgtgttccc caccgatagc ccgtaaaaga ccacaaacca gataatgaat 180
attaacacca cgatggcggg cgtagtcacg gactgaggag tgacttccgt tgcgttcaca 240
tcaacatgga tgaaactgaa agccaccgaa acagctatca ggccggcgct cattccccag 300
acggtggaca gaagcagacg tcggcggcc aaggcatcta ccaagatcat attggcaaaa 360

gtcatgatca ggttcgtccc agccacaacg aggccgacgc gtgttggaact ggtgaatccc 420
 accaacgaga atatcgtgga ggagtaatac atcagtgtat tgaatccaga aatctgggag 480
 aggaccatta gcccgcagca cagagcagag ctcggaagtt gctgggaact gtgtgcagcc 540
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 ccagaatc 608

<210> 7213
 <211> 492
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7213

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 gaaagaaaaa taaaagaggc acccaagggg ccggatttgc tatttcttga tgagggctgt 180
 ttttctcttt attccgtatt tatgctgttt tattttgtta tttatttttt tcgttctttc 240
 tttcttattt ctatttttta tcttctattt ttctgttatt ttttctcttt atttttttat 300
 atcttcttgt cttttaatct ttttcttctt actttttcgg gggtaggggtt ttttttctt 360
 tcctaatact tcctcttctt gttattattg ttatttatta ttttttttct ctctttattt 420
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 tacacatctc ta 492

<210> 7214
 <211> 497
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7214

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 ttgactgtta tcttcttaca ttccctttcc tggacgttcg tacagtacat gggtaactgc 120
 agatcctcgg taccctggac tcaacaccat gcctctctac tctctactcg aggaacctca 180
 agtacagagt agtatgatcc tcaaatatgt aatgctgaga tcggatcctc gatctcatgg 240
 gtccggagat tccgtccgct tggaactcta gtagtagtgt ggtagctgta acttgccaac 300

gttcgtcttg ggcgtcatcg agggtcgcat cgagtcgacg tcatccacct ggtttctgt 360
tcttaactgc tgaaccctc ctctgtgtct atatccgtta tcattccatc atccaaggag 420
gcactctgca tttccgccc tagttcggtc catgtctcct ttctctgggc tggaggacc 480
atacatacat aaccgca 497

<210> 7215
<211> 113
<212> DNA
<213> Aspergillus nidulans

<400> 7215
cataatccag cgtctgcgaa gcacgtgtgc aaaaccgatg acatcaaacg actctgggaa 60
ctcacgtctg gttaacagcg cactatctta aatgacagat acagattgct aag 113

<210> 7216
<211> 486
<212> DNA
<213> Aspergillus nidulans

<400> 7216
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acgtccctac catatcgtag atcaggtctg gcggcgggaa tccttgcgcc attgcgtttg 120
caccgccagg aacgccgctg cctgcccgtt cgctacggt cccggcgggc acgcacttcg 180
acatatccca cgagtcaaat cgctccagca tcttgctcag tccacgagca atatgtcttg 240
tcaaattgtct ctgcccgcga gagacgcagt tcaacagctc aatcaccgcg tcgactagac 300
ttgcacaaag cccactatcc agactcaggt acgccgagtt ccagttaact gcgaccttga 360
gaaggaacag tgcagaaaac gtgaccatgg tgtgctgaa gatgggtacc ccgacaatgg 420
cgtcacggat atcttgttct tctagcacca tgttcaagca tgccatggcg gatgatatag 480
cgatgt 486

<210> 7217
<211> 101
<212> DNA
<213> Aspergillus nidulans

<400> 7217

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aaataagaat caagcagaat cgttgcaatc atgaataaat a 101

<210> 7218
<211> 993
<212> DNA
<213> Aspergillus nidulans

<400> 7218

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ggaaaatgcc caaagactgg tgttccttag attgcacgaa ccagcaaccc ctttttgctg 180
ggacctgggt cgtgccgtta tgtccacttt agcgattgac tacaattcag atcagggtggg 240
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gtattaggtg ttttctcggc cagtcaggtc gggctcgaat aaggtctcta caggatgtac 360
agatcatcac cagcggcgat ggaatattag agcatgcata gaggcattat tattgtgtat 420
agattgccag gcacaattgc cagtgcaccg gtgtaccagc ctacttcagc aaagcagcct 480
ctagcggggc gtagtctgcg attcgattgg ctacaataca gtgtaggatc cgaaaatagt 540
gtcatagtct tggaaatagc tactttgagt acattcgaac acttcctata attcgagttt 600
tccggtctcg tctggacctg gtgcaagtgt tcgtaactgt aattttaaga atattcaggg 660
cagggatact tgaaaaacca gggtctcgac agttcatccc agaaccctg caagtcaagg 720
agcaagaagg cagcctgcga gtgaaaatca agccgggatg gatcagggtga cttctacgag 780
ctaagctatt tcaagaaagg atgattaaat agaccaataa ggggctataa gattaactga 840
cgggtggagc actattttta gcgccagcca tgcgccagac cccatgcggt tgggtgatca 900
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<210> 7219
<211> 813
<212> DNA
<213> Aspergillus nidulans

<400> 7219

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 gatcactctt tgtgctggtg ggtgcaaggc tgagaggagg ctgtgcttgg ctgttagggc 180
 ctctaatttc tatgaatagg ctgacaacat gccgtctacc gtaagggtctc tgagtatttt 240
 ctatcggatg aagctaagat gagaacacca actggttgaat caagaatcaa ggggtctatt 300
 tatgggggtgg cagtagttga tgcgctcgga gggccagtgg agttccagcc cggggggctg 360
 ttcgagccag taactgatta ccagcacaac ttcaactttg acgttcccc tgggtgagca 420
 ccccatggcc atctcaatat ttgaggaaga agagaaacca actaaccctg caggacatgg 480
 tcggacgaca catccatgac tttgtgtcta gccaaagtc tgaattgattc tgggtggtgtt 540
 ttcgactccc aagcagcgat ccgaaattat ataaactggc acgatcatgg ctacctttct 600
 gctacggatg agtgttttga tatcggcaac gctacatcga aggcgcttaa aatatggcag 660
 cggtaacttc accgattctc gattaccaca atcgacgacc tcgcggggcg cgaagggtggc 720
 caacctgaaa ttgacaaggc cctgaagcat gaggtactat tctaccatga tgttgacta 780
 tttccgggac tgatctggac agaattattg tgg 813

<210> 7220
 <211> 889
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7220

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 gtcaaccctt atctttctgt cgactacgtc agcatatatt tgcttcatgg tatacatggg 180
 tcgtagtcta accagacaat atgtaactct gacactcttc catcaaataa agcatgcaca 240
 caattatatg cggcgaaagt gctgtctact tgccaatgt tcattctcaa ggctcctccg 300
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 gattgtggag agacgcggaa tatgaccggc gcgggtgcagg gctaggtctc cataagtact 420
 tgacagggga atgaggagga agctgatagt ttcagacatt tctggccca gaaggttctg 480
 gcatgggaga aaattccata tctgaggccc ctaaggactt cagaaataac aagtacgcag 540

taaacgtaag aaataaggag ccacacgtgg gggcatcgaa gtgatgcttc catagacttc 600
 tgcttcttct gcgtctcgtg aattaaagag cgatcatcacc ttacgctgt tgattcgcgga 660
 ttggttcggg atacctcgat ggagcgatca ggaactgtca ttatttgatg gatgttacgc 720
 cccgttgccg gtcgataggc ttgaagaggc tgaggagtgc ggcgatggaa gatccggagc 780
 aaccataatc tgttcgcatac aagagagaac tcatcaacgc atatcttctg attgacatga 840
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<210> 7221
 <211> 510
 <212> DNA
 <213> Aspergillus nidulans

<400> 7221

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 ggctctctat ggtattgata tagtgaacgt cgcaccggat cttcgcaaga atggcgtaa 180
 ttggcacttc aagcgacacg accttogcaa accccgctta cccttccccg acgattatct 240
 cgatttcgta ttcataaagg atgcgcgccat gtgtcccttg agcccggcgc agaggcacia 300
 ggtttggccg aaccctcag agtgctgaag tccggcgagg ttctggaact ctgggattcc 360
 gattcggttt ttcgctcgtc gcttcccaat cctgcaccag ctcgcaagtt agcctcaaga 420
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 aatgctcaaa acaaatttct gcaagactac 510

<210> 7222
 <211> 606
 <212> DNA
 <213> Aspergillus nidulans

<400> 7222

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 ggggacagac tcgacctcag cattgacgtt cacttgettc gtaacctcaa cagccgggct 180
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cggggttcaca tgggcaaata gagtctctgt tgggggtgggc ttgtccgggt tcccagaagc 300
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 cgcaggagag ggctctctgt aacgggctgg gaaactggct ggtcctgcgg agcagtagta 540
 gcagcagctt tggcccggcc tgttgaagag agtggaaacca agtccacgcc gagatgtcct 600
 ggagtg 606

<210> 7223
 <211> 145
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7223

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 acagacagca caaggacaat aaacaacaaa gagacagaaa caaacattaa cacaagcata 120
 ccatcaaaca taccagaaca caaca 145

<210> 7224
 <211> 602
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7224

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 agcccttttg tccaaatata cacagtagtg ctatcaattg gatataccta gccttcatgg 120
 tgtagaaaag cagaacacac agatttcagg gtttccaatc aacagcatgt tgagtgcatt 180
 gtgtgcggtc caataacacg agttctcaga ggtctcttag ttaaaatacc actaggtgag 240
 taagaagtct tgaatatcgg agtccctact tattgaccca agacatcgac ctgggtcccg 300
 tgcgcaaata tatataggcg atcagttctg caacaagggtt attatgtaca ctagccggat 360
 ctctagatag aagcaagaaa aaaaaaaaaa ggcgtgtcgc ttccaaccct tgctattctt 420
 ttgctctact agagctacta gtacagacac tgttgaatcg tcatgtgtat tgtagtgga 480
 agagatccgg gaaacttcaa gtgtggcttg gccaccttct gattggatat cgcacttagt 540

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<210> 7225
 <211> 949
 <212> DNA
 <213> Aspergillus nidulans

<400> 7225

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 agactatgac atcgcaccaa tctctccgcc ccattcatgt gaacctgtgg cgttcactt 120
 atgccatata agaacttttc cgtcgtcaaa aggttcatca tgcctcagct caaagttttt 180
 ttttctcttt ttcagaatgc gttttttgtc tttcctcgaa cccgatacag agaagccagc 240
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 aaaccaccag atgcatggaa atgaagggtgc acggcatggc atcaaattct cgcgaaatag 360
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 gcagcgcgga aatcaaactg atagcctcat gtggcgcttt tcggaagacc taggctccca 840
 agtcaaaccg gaatcactgg agaggaagtg cggggtagtg tgatcatacc ttgttgaagg 900
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<210> 7226
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 7226

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ccaacagcta cgttggcgaa gagccccgcc tggagttcac cttttgtcta actccaactc 180
cgggctggga aaaggaagac ccagaagagg aagaagaagc gtctggggat gcaaattggta 240
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<210> 7227
<211> 1039
<212> DNA
<213> *Aspergillus nidulans*

<400> 7227

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cttctccgc catcctcggc atccagagct ccactctcat tgatgcccc atccaagtgc 180
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ccgctgatag tggcttgagg aaaggcaaaa ttgtatgggc gtcggacccc gctgcagacg 480
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gtgaaatgaa cctgatccga ggtccatagc aaagatacat acgaaggata ctccaaaggc 780
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atgatatcac catgcagcag gtggcttggg aacttggaag tgaagaagta cggagagtcg 900
gaggcgggcc gaggctcgag gatcagcgac aaactgagta agagttccgt ctgtcctttc 960
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ttggatcagg cctatccgt 1039

<210> 7228
<211> 474
<212> DNA
<213> *Aspergillus nidulans*

<400> 7228

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atccgtggct gctgtagtcg ccgaaacggt ggtcataggt gtctccccac cccagcccgc 180
tggggtatcg ccaggtactc ccacaccctt gaggcccgtt gtcatgcac ctagagctaaa 240
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tgtgatccat tctttatctt tcgagcttag cgcacgcaga tattcttggt tcacttggga 360
ctctaataaa ccaggaaagt agtctctggc gataatatgt gatagggcgt cgggtgtaaac 420
gtcttcgctg agaacggtgg ccggacgttt aatgcgcttc ggcggagggg gggg 474

<210> 7229
<211> 626
<212> DNA
<213> *Aspergillus nidulans*

<400> 7229

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tcatattgtc gacttgcttc ctagccatgc attgtgcgga atgtttatga ccaattggat 180
ccaagaagat ttgccaatta atcaacgccc gttgataccc atcttttagga ataacaagct 240
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tttcaaaggc agcgcaaaaa gcacaattgc tatctattgc catagcggct gaaccgtttt 360
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gggggttgat tggaacaaaa cgaggaatct gtcagagagc gaatattaag gaaaccacat 480
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 <213> *Aspergillus nidulans*

<400> 7230

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 agagccaagc ccggaacaag acaaaccttc tgaagttaca gaaatcacgt caacatcgca 600
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<210> 7231
 <211> 734
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7231

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 cagggccaga aatttaaatgt gcggcagatg acagggacat gccattaaac catgtcattc 660
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<210> 7232
 <211> 534
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7232

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<210> 7233
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7233

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 aagcttctta tagtctcagt cagagatgag ttgt 1294

<210> 7234
 <211> 631
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7234

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<210> 7235
 <211> 704
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7235

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<210> 7236

<211> 811
 <212> DNA
 <213> Aspergillus nidulans

<400> 7236

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gcccgaactga gtagtatggc catttcgggt cggttggcgc ttcagctgca gtgcattcgc 720
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<210> 7237
 <211> 184
 <212> DNA
 <213> Aspergillus nidulans

<400> 7237

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tacaagctgg cactatcgca tgtatcaatt gtgaccacgt cgacagtcgc caatcaggtc 120
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tcgt 184
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<210> 7238
 <211> 602
 <212> DNA

<213> Aspergillus nidulans

<400> 7238

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cagtgaatg aatggggacg cgtggccttc atttttagatt gtaggtaacg ggctagcaag 180
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<210> 7239

<211> 744

<212> DNA

<213> Aspergillus nidulans

<400> 7239

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gcctattatt tcaaaccaag cgctgttggc aggatcaaaa tggcctgagc tgttggcgag 660
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 catagaggga agatatgggc tgat 744

<210> 7240
 <211> 150
 <212> DNA
 <213> Aspergillus nidulans

<400> 7240

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 ggtctgggga agcgagattg atatattagg 150

<210> 7241
 <211> 822
 <212> DNA
 <213> Aspergillus nidulans

<400> 7241

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 gcgcccccca cggcggttg accaattttc tgtcacgcag agtcgtgggt ttcaagctcc 780

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822

<210> 7242
<211> 1530
<212> DNA
<213> *Aspergillus nidulans*

<400> 7242

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<210> 7243
 <211> 207
 <212> DNA
 <213> Aspergillus nidulans

<400> 7243

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<210> 7244
 <211> 581
 <212> DNA
 <213> Aspergillus nidulans

<400> 7244

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<210> 7245

<211> 566
 <212> DNA
 <213> Aspergillus nidulans

<400> 7245

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<210> 7246
 <211> 1072
 <212> DNA
 <213> Aspergillus nidulans

<400> 7246

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<210> 7247
 <211> 174
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7248
 <211> 887
 <212> DNA
 <213> Aspergillus nidulans

<400> 7248
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gccatcatat cgtatgtaag ctgatcgcat atcttcaggt actctgagtt cgacgatctc 720
cgactcaagc tagtgaaatc tttccacac gcaaagaacg ccctcccaac gctacccccg 780
aagagtgttc tatgtatggt atgtcccagc acaccgtaac tgaccgtgaa gctaaccat 840
ctgactgttt cgcagtcaag tttcggccat ctttcottga atctcgc 887

<210> 7249
<211> 243
<212> DNA
<213> Aspergillus nidulans

<400> 7249

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ctcttggtga ctgaccccaa ctggctcgct atgtcacaag acctgacttg gatgccaatg 180
cccatcatcc tgatcgcaaa tcaaaaagcg tttgcttgac cgcgtatgtc caaggctggg 240
cca 243

<210> 7250
<211> 951
<212> DNA
<213> Aspergillus nidulans

<400> 7250

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tcaggataaa cggatatggc cgaatccggt atctagtcac gtgattttcc cgcgggaaag 120
tcacgagata cgaagctact cggccgactg cacagctctt aatgctgoga gtcccagcat 180
tctacacggc gaacggagtc ggcctagcga ccgagacgac cgagctctcg accgactgaa 240
ggctacagtt tatcaattac gagttttaat agaacgaatc tacaacatgt tgggtctaaa 300
ttgcagatgc agagtggcta catatgtttc tccgtgacgc tgcccagccg aggaggcaaa 360
caaggtggaa aactccccgc acgcccagac gagcagctcc tatgagctcc cagtgccgcg 420

gttgatcgcc cgggcagttt cacctttcgt ccgtcatact gaagctctgt caccgacatc 480
 ttccgaggtt tgtccagctg ctactataat tattacattg actcgatata gcggtgagtc 540
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 atcgctgaaa aacagcaccg ctggcacgtg aaaacccatg aacagaccaa catgagctat 660
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 gcgctgaccg agttcgggat cgaacgggtc atctgtcaac cttcagcctt gtcttccaag 780
 ctctaaact ttgatcggtg aggcccggtc actagactgt ctcaatatac cgtcgcacct 840
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 tacggtctct ttccacaagc gcagttcatg tttcccaggt ccaccaagt g 951

<210> 7251
 <211> 882
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7251

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 atatcgtcca ggggttgacag ggtggtaaca ctctctgcc aagagctgcag gaatctcaaa 180
 ttagggcaag atcacattga gcgttcagcg gggagtagta cgaaccgagt cagcacttct 240
 gtagggcgag ctatcggacg ttgcgtttct tgaatctgta tcgtagtctg agtcgatgat 300
 ctcggtggtt tccgacatgg ccgatctgga acgagcatgg gataacgata tggtttcaag 360
 gaagagttgt tcttgggcct tgatgtaatc gaaggatggc tggaaatcct gagtagaagc 420
 ctgtttatgt cagctacata aatctcgag catgcaggaa gatcgtagca taatgcgggc 480
 ggaggagacc gaaagctcct ataagcggat tgtaggcaat gctatatgaa tgtgtttgca 540
 cgaactgcta taaaacgagg ttgcggtgtc ttcttgaata ggaggatggc aggcaggata 600
 gggagtctgg atgccccaaag gcggacaagt ttctgttggg taggaaagtg agggggcaca 660
 agcagatcgt gggatcacac agcgttaagt atatcccagt cggtaaggga cggttgcctt 720
 agcagggaat aggaatatgc caccggtcaa agcggcgccc tcatttcccc atcatgccga 780
 aacgcagaga attagccagc gaggagtgtc ctcgatggat gtgatgaagt gaacatgtag 840

atgcatatga gagggggaac ggcgaatagt tcttcggcgt ca

882

<210> 7252
<211> 477
<212> DNA
<213> Aspergillus nidulans

<400> 7252

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tcatgggcca agcgcgctgc atctggctga aagtgagcag tgttcagatg agcaagagag 120
ctgctttgaa agtagtcac c aagttcagcc agttgaacgc aaaacgctgc tggcggtacc 180
gattgttggc ttcccggatc gtcacccccg atgactctgc taggatatcc atctctacag 240
tatctatgtc gtctgtgacg cgcacaacgg acggtcggca tagcatagtg agatgtgtgt 300
agtagttcag gtcaaaccag cttttacaga gatgggggga ccttggactt ggcctcgagt 360
aaggggaagg gcatactacg gcgcccttca atgaggcggt tgtaaaggat ctctctgggta 420
tttgtacttg ggcgtcggca gcaactggaga gagctcattt tagatcctat catgctg 477

<210> 7253
<211> 646
<212> DNA
<213> Aspergillus nidulans

<400> 7253

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gggattccat ctgacattca agagcttctg atcaacgaaa ggtcgcacacg aggcgcgacg 120
cccaaataat cagctagccg tgctgttgta tcagccctcc ataaagccaa atgaccgtcc 180
agccactcaa aagatggtcg catagacccc accatatttt gcttttggtta acgagacgtg 240
agcaactcca tagagtccat ccgagtttgg cctggcccga tatccaagga gtacgaggtg 300
gataatccgt cttgagctgg aatgggtacg aagagtaggc atggtcgaga attctcacac 360
aaccggccca ggtgaggtct aaagatgggt attgttctaa gacattataa acagtgcggt 420
tgagttgggc tttgaagggt aaaaatgatg gtatgattct aggacaaagc gtagcctcgg 480
cgtaagtata gacgacacca aatatagcgc aataccattt atgcagtggg cgctctagaa 540
gcattcagaa tgcagcaacc gttgtcggct cgcttaacaa gatattctac ctactcaata 600

accatctata catacggaga aaattgcgcc ttacacaaaa tttaac

646

<210> 7254
<211> 110
<212> DNA
<213> Aspergillus nidulans

<400> 7254

caccgctgac cattcagcag aaatcgtctg acatgtgcct agagcaatat atcagggcct 60
tgggatgata caagacggta agtcctgcct atcttggatc tgatcgagc 110

<210> 7255
<211> 1082
<212> DNA
<213> Aspergillus nidulans

<400> 7255

cccgaacaaa gactcaacta ctttacctgc tcgatactct cggatcctgg atagacgagg 60
atcttcttat cctctctccc tccccagttc cgccaccatc attcgaagat cattcttcag 120
aatcagaccc agaattgaaa tcccaatacc acctcgaagc ctatacaact tactatccgg 180
ctggctttga cacacgcaag aagctctctt tatcgctatc cgcaattcac gccccactgc 240
ccggatacaa gcagaaactc tccaagagca tggatcggtt cttcgaacgg cttgaagtgg 300
gcaaagcagt tgtgcgcgtg aactggagta ttatgcccac gggcatgggg ctgtttgctg 360
cgtttgaggg gttgcataat cattccccta atgctgaaag aggggaatgaa aagggtggaaa 420
agttacatcc ggaaagcttt gacggagaag acacgttctt ccgatgcgag aggcagacgc 480
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ttaaggatgt caaagaggag gggctgggtg aggagctggc gattgcgata gatggactaa 600
aggaaggcag tgtgccggag atccacgagt acaagaacgg gccatattgg ggagaagctg 660
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ctgcttcata gcaacatcaa cgctaccaac gtattgcacg accttgccgg tcttctcagc 1020
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 ct 1082

<210> 7256
 <211> 100
 <212> DNA
 <213> Aspergillus nidulans

<400> 7256
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 gtgcacaccg aaggcgaaat cagcgagggt ggtgcatgca 100

<210> 7257
 <211> 112
 <212> DNA
 <213> Aspergillus nidulans

<400> 7257
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 cctcgaggcg ggattgggca tcaatgtatc cgcacgcatc tcggtgcaca gg 112

<210> 7258
 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<400> 7258
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 tgccatcagc ggcgcccag ggcagaataa cgcgatcggg gccgccataa tggttagact 120
 ggctcgccaaa tatagagcct gctgttccg gaaggacgca tagaccccag actgcatcgg 180
 aatggccatc cagagttgcc ttgggatcta cctgcccct ttcccagact cgtacactag 240
 catcctgccc accggagaaa accagccat cgccaaccgt gcggccaccg ttcgaaaagt 300
 tctgcatgag agagcatgcc gccaaagcag taacagctcc aacgtgacct cggtgggtaa 360
 agtagctcgt aatatccaaa tcgtaccgg aactcgacgt gtgaccggac gctccgaagc 420
 tcgcaggaat aaaccaccgc ttgatcgttc cgtcatcgt gcaggtgcat atttcagggt 480

cagatgggct gccaccgcca gtaaaaatta cggctcggac aacatctaag tgcctcgcga 540
 gggcaaat 548

<210> 7259
 <211> 732
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7259

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 gcatcagcat ccgttccagg ccaataccag cacctgcatg cggcggcgct cccagcgga 120
 aaccttccat gtactcctcc atcgtgtccg gattaatgcc caccgcagc atgttctctt 180
 cgagcatatg tggatcatgg atacgctggc ctccagagac aatctcttgg ccacgaatga 240
 acatgtcaaa ggagttggtg aaacggggat catctggatc cggcatcgca tagaaaggac 300
 gtgcatcaac agggaaacttg tcgaggacat agtaatcggc cttgtacttc tccttgacca 360
 gtcacctag gcggatttcg tctcgagtac caaggtcctt gtcttcagct aatgggttgc 420
 cttcgtcatc gcgccagcca gattcattaa gcatcttaat accatcgctg aaacgaatga 480
 ttggagtttc atccaaccaa acaaggtcct ccgaaggaaa ttggtgcttg atgatctcga 540
 tctctcggcg gtaacgggta tagataccct tcagaatatt cttgatcaca gcatccaaca 600
 cttccagcat ttcgtgatag tgctcttcga tcgacatctc gatatccaga ccagtgtact 660
 ccgtcaaattg gcggtgcgtg ttggaattct ccgcacggaa aacagcaccg atctcatatc 720
 acgaccgaag tc 732

<210> 7260
 <211> 865
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7260

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 tgggggtcttg ctcacatagc ataccactct tcaagttgtt tccgggacgc ccaaaaggac 120
 cttttcttgg acgggagcct tctttggagg catcttggat ttctttttct tgctggaggc 180
 gaacgggcgg aagtcaagag agaggagagg tgaggagaac gaaacaagtg gaggggcaga 240

cgaaggggag ctcaaggaat aacagaaacg cgataccgac gcaggaccag ctgccgaccg 300
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 acgctgattg agaatgaaaa gtgactataa taatacaggg ggtaaggaag aggctgcaag 420
 aagacctaata acttcaattg agtagtttcg cgccaaaagc gttcgagtcc tgcacgccat 480
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 tatcagtcac atgacgtctg gtatatccgg acaccgtacc ctagtagttc tcttaacgga 600
 tcttatacca gtatggtgta gatgggctat taagcctcgc ccaagagAAC agtcaaagta 660
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 aacaggtgca ctctggatta agaggctcct gtttgcaggc ttgattacca ctccttggtta 780
 tccttgagaa attcctctcc gtgatttgac cgagcaacaa gacagtcacg gaggtggtgt 840
 gctcccaatc gtatccatag aaggg 865

<210> 7261
 <211> 969
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7261

actccgatgt tgagggtgga cgttgcggga gctcggtcga aaaggagtga cgggaatcca 60
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 tgtagggaga gacgtgagtt cgctccgtgc ggggtcgcaa gaagcaagag tgtcaccaca 180
 actctttgag ttcgagtccg ccgcgacggt gcagggtgtc ccgattggga ttagcgcac 240
 ggagtggaaa attacggcat tccagctctt ctggagttca ccctgacgac atcgcgaaaa 300
 tattacctac gagactcata tagccaatat ttactgggtta cagcggtaac aaaacaaaga 360
 atattttcat aaagacctag atacattgaa ggtctccttt tgaacatcag gcattatcat 420
 tctatatctt tggagaacgg caaggctccc cttttgtctg gtcctatgga gtatgttggt 480
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 ttctcgctgg cgtgctcggg cttgatgcgg aaggtgtggg caccgaagta gtcacgctga 660
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gtgctgaagg cgggagtggg gataccccag agagcaccct tgctgacaac gtttctccag 780
cccttctggg cgttgtggat ggccttggtg aagaagtcgt tgaagagcag gttctccagg 840
tcggggctct tgcggtaagc ctcggtgatg tccttcagga agacggagcg gatgatgcaa 900
ccaccgcgcc acatgagggc aatggcgggc ttgttgagtt ccagccgtac tccttggcag 960
cctgtaatc 969

<210> 7262
<211> 603
<212> DNA
<213> Aspergillus nidulans

<400> 7262

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ggaggccgcg tacaggccgc atgtaggcag ggcattctgg ccagctacgc tgctgacgtt 180
gacaatggtc gcgcctccgt tcttgcgga cgcgaatgtc ggcaggaatg agcggatgag 240
gcgaaaaggg ccgaagaagt tcgtttccat ttggagtttg gcctcgatcat ctctgtgatt 300
gttagccctc agatcccaga gacatgaact ttccctcttc aggagaaagg gctgtcattg 360
ggcaaaactc acgtcatgtc ctccacagcg cccaagagcg agtaccgca ttattgacga 420
gaatgtcgat gccgcatat aacgcgttcg cttttctac agtatctgaa acagtatcgg 480
cttttgtgac gtcgaactcg aggacctcgc cgcctttcgc tttgattgca gctacagagg 540
aggaggattt ggatgcgtta cggacagtgg cgatgacctt gtggccggag agagcgcgag 600
gag 603

<210> 7263
<211> 1139
<212> DNA
<213> Aspergillus nidulans

<400> 7263

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gaagccttga accggccgtc agccagcttc tatccacct agctggcccc tatcacgcca 180

gaaacccccgt ggtcttgaag ttttccatct ttctggaacc tcgctatatt tatatagtgt 240
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<210> 7264
 <211> 1527
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7264
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 tcggtatcgt ccagaaagta gttcaatttg gtgacatagt tgcgatctag gtccttgccc 180
 aacggacctt gctggaaatg atgtagggtc ttcttcagcc tgtacatcca cgccatctcc 240
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acatgaacag gcgaattgca ggccacc 1527

<210> 7265
<211> 569
<212> DNA
<213> Aspergillus nidulans
<400> 7265

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gggtactcaag ccaaagtcga aagtacagat tgaagttata gctgtgttgt ttgggggtca 180
ggcggctgca acaactagac ttgaatgtaa gcgaacccaa gtgcctggag tcaacgaagc 240

ttagtggttca atctgacgat ggcaaagctg tcagggagcc gtaacgatag cccatatgcg 300
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 cttttccaga ttccaagacg atgcggtcac cgttgacgga cgccagtaac agaatacaaca 420
 actgccacac cccgactacc gaacgaagac tgatgagggg ggaacacgcc ttgacttcac 480
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 gtccccgcc agtaggtgat tcagggctt 569

<210> 7266
 <211> 294
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7266
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 ggtgttcgtg atttctaaaa gtgttgatag aaaggaccaa ggcgctgcgc aggaaggatc 120
 gattcaaattg taatgaaatc ggaatgaaaa gccagtgatg ccgagctgaa tcggcatacgc 180
 cgactcgaga ttgagtcacg ggcttggcgt attgcgaggg gcgagacgat cgggatcgcg 240
 gctattcaag ggtagaatgc aatggccggt tcagagaggg aagaaaatgt gttg 294

<210> 7267
 <211> 784
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7267
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 catcgccctt tttcgggtgg taattgagtt accccgacgt cggattgcgc caagggggag 180
 ccattggata gagatgaagc atcttcacta attctggaca gggtcgattc ggggttggtg 240
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 agaatgagcc ggtgcaaaaag gtaacgggtc tcttggcgac cagcgcgtat caccaactca 360
 acatcgccag tgtgggtaaa gatcgggaaa tcattcagag gctgatgaac cagtccacca 420
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ggtgcacttt gcggtggcac agggcgatcg agcacttggg cctgagaaac catttccgag 540
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 tgctgtgtgc gtcattccaaa agacgtagct cacagtagtg tgaaggaacg aggggataga 660
 caccggatca ccgcgagggg cgagcgagcg gatagtgaac tcaatataga gtagcgacaa 720
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 agac 784

<210> 7268
 <211> 534
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7268

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 gggaagaatg tgcacatttg agatggcgcc ttactcatg tcgaggtcga attccttcat 180
 ctgtttgaag ttgaaaggga ggatcttctc gcggaatcgg gaaacaaagg ggctgttggt 240
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 caacctgata cttaccacaca ttatcgcgca gactccgtag gaaatctcgg gcagtaggcc 420
 gtggggggccc gtcttcctgc ctaccaaagt ctggatcgtc tttgaatggc tcattcgatc 480
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<210> 7269
 <211> 1622
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7269

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 aaatatgggc cggagccaaa ttaattttta aattgcccaa aaaaccattg gccaatataa 180
 aaaaaaacc taattttcgg ccttttgcaa tttccgggaa ccgggggggg ggttcaaaaa 240

tccccaaagc cccttttttt taatcccca taattttaact tttccaaaaa tccgggtcccc 300
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 cttctcggca aggccaatta gtaagagtca acctgaatcg ttaagtttgc caacgggaag 420
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 gcatccgaca gtcaacagga attgacgttt tgacaggccg gaagagtgcg ttgccaaagc 660
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 tggtaatgag gtcgagggtc gaccagggtc ctgaatgcgg ccacgataat aactaaatga 1560
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 cc 1622

<210> 7270
 <211> 681
 <212> DNA
 <213> Aspergillus nidulans

<400> 7270

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acgggtggat ttcacccgga agagggtttt ggactgttgg acgaaactct ccagcgtggg 180
gtgcgacatt gctccaagg aatataaact cgggtctcgga ggtgcgggca agagcacaca 240
tgtgttcacg agctgtacac cgtagctgg tgcacgtaa acaggtatgt ctgtgttcga 300
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tctccaacat gatcgaaatg atgatgagac cagatgatag catcaataga ctcgagcaaa 600
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ctctcaagc aagcaagaga c 681

<210> 7271

<211> 931

<212> DNA

<213> *Aspergillus nidulans*

<400> 7271

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cccaggctg gccgagacca ttcaggctga gagtctgac actctagagc ctggccgtta 180
cacgaatcga gggatccacg atcgggtccg cgctccactc ctgtcaatag gccggctggg 240
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ttgtcatctg ctgccaatgg ccatcacggc tccttctgg tcgctcgggt gcagtgtcgg 480
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catcatctca aggttgtctt agcttgtctt gccattgaga ccactagggt agacgacttg 660
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 gccttccgct accgaaccag ctatcagctc atggcgtaga tgtctcctga tcccctgtcg 780
 gccaatcgct cctacgacag cgccatcgac ctcttctctc tcaacactat gatccccgag 840
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<210> 7272
 <211> 727
 <212> DNA
 <213> Aspergillus nidulans

<400> 7272

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<210> 7273
 <211> 1104
 <212> DNA
 <213> Aspergillus nidulans

<400> 7273

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 caaccgtctc cagggtcccta ataagatacc agatatgcac aacattcaaa atctcaaggt 180
 cagttcaaag cgaatggcg gagaacatgt gtgttccac caagtccatt atcccatgcc 240
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 tactcgagaa aatcatcatt tcacttgcag ctctggtgat agagatatc accatgaaaa 660
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 attttgctgg aaaatttctt tccttctcta gcatccctgt cctcaataca catcaaattt 780
 cagtactaag tctactaagc ctcccaaagc aaaggtcctc gcataattac caccagagc 840
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 ctctacctcc cttctatcaa tcactctcat ttagatacag tccatattaa acctttgcac 1020
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<210> 7274
 <211> 730
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7274

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 agaatgtgaa tttctgcgaa gattatttga gtctgccaaa tcgacacact ttttcagttc 180
 tataatacga cgtctatgac acgcttttct tactgtacga gtaaaactcg actaagaatg 240

tcaactggct atattagcgg aataataatt tctagcaaca ttgatctaag gtgctttaa 300
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 gtgtgtttca gacggagact acacgtagcc tgtttgcctc agccccaggc agaatgggtg 480
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 gccacggcct attcccaccg tggcgagccc aaaatgcgcc gcagatgggt gtgtacgcct 600
 ggtgatgcta tcggcagaga gatcttcaaa agaatgggga agctttcttc tagcatcgtc 660
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 cgatattcga 730

<210> 7275
 <211> 1460
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7275

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 tattcaggcc ggacaaggaa agggttgcct ccggtcggtt cgtccaccta agctagccca 180
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 ttgcgaagta atggcctttc gaaatttgga attggggtac cttagtcatt ttcccctttg 300
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 cccaactgga taccaggcgc tactgtaggc agatatacta ttcgctattg cataaattgt 720
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<210> 7276
 <211> 895
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7276

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 tgtccagcag cccatttgcc tgctcctcac tcaactcagct tagtggagga acagccaatt 180
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 ctttgatcag aaacatcaag taattgtcaa atcgcccaag ctattgcact tcagccgatc 480
 gacatatacc caggatcatg aagatctgcc cgactctgta gacctaaaga ctttctctgt 540
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 aggttccttg ctacgtttat tccacgtctg gagtatacac ccagcgcagt cgaagtttgc 660
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tcttgtgagc atgattgatg cataccctga tatectcggg gatagtcata ccaggtctgt 780
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<210> 7277
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 7277

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gttgctgaa cctctatcaa atgtggggaa attttcgata gcgaaatcgg cgggattttc 180
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ggccatcgaa gctttcgaat cgctcaaact tccaatgag acggcgctcac agtgaagaat 480
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<210> 7278
<211> 845
<212> DNA
<213> Aspergillus nidulans

<400> 7278

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 cctcatcacg atggccatgc tggcgatgct tttccacact ttcacgcggt atcagaaggg 780
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<210> 7279
 <211> 640
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7279
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 aaaataatgt cgacaagagc ttgagatccc caacgaccac ttaccaccac aggtcgctgc 240
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<210> 7280
 <211> 1308
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7280

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<210> 7281
<211> 1106
<212> DNA
<213> *Aspergillus nidulans*

<400> 7281

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<210> 7282
 <211> 997
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7282

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<210> 7283
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 7283

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<210> 7284

<211> 975
 <212> DNA
 <213> Aspergillus nidulans

<400> 7284

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gcagccagct cccgg 975
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<210> 7285
 <211> 1112
 <212> DNA
 <213> Aspergillus nidulans

<400> 7285

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ccgcgggtat aaggaggacc ttcttctctg ctttgcatag tgccgatata agttcaagtc 180
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<210> 7286
 <211> 112
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7286

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 gactgctcgg acagatcgat gaccacgcag acttctcagc ctcccagcca ca 112

<210> 7287
 <211> 992
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7287

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 ggatgaagat atacgacagt attagcgaga tggttaaggca aggctgcata ggaattctaa 240
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<210> 7288
 <211> 977
 <212> DNA
 <213> Aspergillus nidulans

<400> 7288

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 caaacgggag cgagcggcgc tgctctgtgt tcagtttagc gtcgggtgtc cctgaagaga 180
 actgagccat acaggagaga gagaatttgg tcgagatggt tcccacaggg tcaaccacc 240
 acaacgtcaa caatctttta tttcaaagtc agattcaatg atcaaagcca agggccatca 300
 aagcatactg tctcagtga atttagagtt cattcaaaga gtcgggcacc agcgcagcac 360
 aaccgctcac cgaggggccc acggtatgcc tgatgggtgt cggccaacg tcccctccct 420

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<210> 7289
 <211> 430
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7289

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 ggacaaacgc gtctgaagtt gatttaggcc atttccttcc ttcctttttc ttgcaatgta 240
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<210> 7290
 <211> 402
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7290

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gaacagcaac tcaagtgc at aaattatgag accacataag caccgggcac atctatttga 300
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<210> 7291
<211> 591
<212> DNA
<213> Aspergillus nidulans

<400> 7291

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caccctctcg aaaatttgtg ctttccgaag atcctggtga actttcgaat tggaggatct 180
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<210> 7292
<211> 357
<212> DNA
<213> Aspergillus nidulans

<400> 7292

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tatatttcgc aaaatctggc catccaactt tagggacggt ggcaggagga agcagggcag 240
 tggctggtcg agcttagacg aatcagtcctg aagacgtcag tcctggcagt cagcacccgc 300
 tcccagctcc aggcactaca gcagtacaag ctgtacatcc caggatggct gcgggct 357

<210> 7293
 <211> 640
 <212> DNA
 <213> Aspergillus nidulans

<400> 7293

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<210> 7294
 <211> 755
 <212> DNA
 <213> Aspergillus nidulans

<400> 7294

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 cagccgtgca agccggcgtc aaactctatc ttatcgacta cggcatgttc tgcgccgagt 480
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<210> 7295
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7295
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 actaggtcca ttatcccat tccaacacac ttcacacca cattctgccc ctccgccatc 780
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<210> 7296

<211> 941
 <212> DNA
 <213> Aspergillus nidulans

<400> 7296

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<210> 7297
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7297

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acgcttggtc gagtttacct ttgcaacatg ccagcacttg agagtgcgag ttgagacaaa  180
gtagaatctg gcatcctgcg cccactcctc taatttcgcc acatgctcta gcttcgaacg  240
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gtcgttccgc cggtcttcgt agatatcagc gtgttgtagc agctgcgtat attttttgcg 420
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<210> 7298
<211> 779
<212> DNA
<213> *Aspergillus nidulans*

<400> 7298
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<210> 7299

<211> 550
 <212> DNA
 <213> Aspergillus nidulans

<400> 7299

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<210> 7300
 <211> 388
 <212> DNA
 <213> Aspergillus nidulans

<400> 7300

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 <211> 587
 <212> DNA
 <213> Aspergillus nidulans

<400> 7301

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<210> 7302

<211> 100

<212> DNA

<213> Aspergillus nidulans

<400> 7302

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<210> 7303

<211> 1376

<212> DNA

<213> Aspergillus nidulans

<400> 7303

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<210> 7304
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7304

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7305

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<210> 7306
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7306

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<210> 7307
 <211> 1052
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7307

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 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7308

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<210> 7309
<211> 577
<212> DNA
<213> Aspergillus nidulans

<400> 7309

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<210> 7310
<211> 925
<212> DNA
<213> Aspergillus nidulans

<400> 7310

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<210> 7311
 <211> 482
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7311

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7312

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<210> 7313

<211> 664

<212> DNA

<213> *Aspergillus nidulans*

<400> 7313

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<210> 7314
 <211> 439
 <212> DNA
 <213> Aspergillus nidulans

<400> 7314

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<210> 7315
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 <213> Aspergillus nidulans

<400> 7315

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<210> 7316
 <211> 560
 <212> DNA

<213> Aspergillus nidulans

<400> 7316

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tacaccagc gaaccgcagg aacaagcgta tgtgccctcc acattattta catctaattg 420
tatactgact catcagcttt cctgcgcttt tgccattctc tcaaagtac ccgttatgct 480
gcattgatat ccgcaatttc ctcaatcaat tttatttttt tgcgaacgac gacttcacaa 540
accctgatat aatcgacgcg 560

<210> 7317

<211> 747

<212> DNA

<213> Aspergillus nidulans

<400> 7317

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tttctcatta atattgcata cctcattccg aatcgctttc taccacgaat ccagcccgca 240
accgtctacg attaggcggc gccaaaggga tgtcttcttc agcgctctcg ctgccatcat 300
tgtgctttct agggctggac gcatctgcac cgtctctgtc gacacttgtc tcatccttgt 360
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tagatttgtc gatggcatcg gcatcattag acgagtactc accggaagag gctcgcgatg 480
gcatctccat atcatccata agtatgtcat cttcctccag ttccacattg gttccaccac 540
tgtgtctccg tcgctttccg ctagtctcct cttcgccagc aatgttaggc tcatttgagc 600
gctttcctcg ctttctctgc cttgctttgt ttctgcgctc ttcggttctc ccaagcagca 660

atgccttttt gatccgctcc gattgctcgt tgcgcctttc ttcttcaaga cggaagagct 720
cttcctata gtgatagacg tatttgc 747

<210> 7318
<211> 115
<212> DNA
<213> Aspergillus nidulans

<400> 7318
agtccatcac tccgtcaatc ttaaccgacg tcttaccgag caagttcatc cggggaagtc 60
gttagatgga gatcgctggc cctgaagcat tctcgccacg tacttttcat cagcg 115

<210> 7319
<211> 707
<212> DNA
<213> Aspergillus nidulans

<400> 7319
cttaccagg caataacgat aacggaccat tgtcagagga ctgaagcct aacctgagac 60
ggcctttgcg gtcaagcagt cttttcgccg gcttcgaaca gacaagcgat gacgaagctg 120
acgcccctag ggacgtgttc acggacgatg aattgctaaa taggcccttc gcgctttata 180
aagtacgtaa gggcaagctt gtctctgcta atgagcgccg ccgcagtcta gaggatgcca 240
tgttgccga cctgacggag gatttgaact ccgagtctta tttcgaggca ggagtgggta 300
acgacttaac aagcccccca ggatcgctctt ggtcgcgctt cgggacttca ggattccggc 360
agcaagatat gcgtaaagca gcgattatat ccagcggagc ggccacacat gtgaggcgag 420
cgcgtagccc aagcgagcca agcatcgaca gcggcagtgg tagcaacgca tcaagcgtag 480
cgctccatt tctgtccca atccggctca gctcgaggaa attccctcaa accgggagcg 540
atggacgcca gagccaacg cccacgtctc gcaacttctc tgatcgcccg cgcccgagca 600
ttgttcgccc tcttacctg cgacgtgtac gaacggcggc tgccatgtct caaacggagc 660
aggcaagccg accgaccccc cggtcacac cagctatgtg aatgtcc 707

<210> 7320
<211> 679
<212> DNA
<213> Aspergillus nidulans

<400> 7320

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ttgttcacgc ctagaaaaat cggcgacggg acagtaactg tatgttttaa ttgcgataga 180
agttgccaac gtcatgccat ctataaaaat ggagtgggat gttcgtgtac gcagaggcac 240
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atggcactag gaatgttgta gtatgtataa gacagctgta gctatctagg ttctgtgtgg 420
gtccatactg gtctaaccct aattcatcag gatatgtatc acgcattaca ttgcaattcc 480
tgtttctgca actgtgtctc atctgttgta taaaatttta ataagcatta ggaagtgtaa 540
ttcaacattc ccttcctcca actaatgctt cctctcact cgtccttctg tccgctttgg 600
caggtaccaa gccaccaacg agacggcaaa tcccttggga cgcctcactt tcagggctta 660
tccagtgtac tttggtttt 679

<210> 7321

<211> 499

<212> DNA

<213> *Aspergillus nidulans*

<400> 7321

taaagtccaa gctctctcga tccttgttct ggagtgccat gtcgattcga atcgcagaag 60
catttcgcat cgatccttgc gactcacctg ggtcggagtc aaccttgaat cgcctgatgc 120
agatttacia agaaaacttt tccccgttgt ggccattgct gagtggaaaag gagtttgact 180
ccagcgaact tcaccccttg ctctttctga ctgttgtttc gattggatgc atgtatggga 240
cctccaaga atgcaatttc ggaaacaagc ttcacgaacg agtccgtcgt tgtctagcgg 300
catctctgat tgggcttgag gatgctgaag gcgacatact ttggctcggg cgggcccggc 360
tgttgactca ggtcgcggct ctatatatttg ggcaacggcg ggctttctct tacgccaac 420
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gtcctggcat gactgggga 499

<210> 7322

<211> 702
 <212> DNA
 <213> Aspergillus nidulans

<400> 7322

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 gccctggcgg gactcgaaag cggataatca tgaggagacc gagcaggagg ttttggatcg 120
 cttagagagg gaggagaacg aagagcagga gcagcttgag cgagataaaa tggcagagtt 180
 ggaggagaag atgctggatt cgaaaaggga gatggcaatt gcggatgcat tggacgagat 240
 caggacgaga aatgcgagaa ttgagcggag tgaggcactg ggtgacgaag cggcgcttgc 300
 gcatgtacag gaacaggtgg acgaggcggc gttgaaggct cagagggagg atgaagaagc 360
 tgcgcggaag gcgtttatga cgacgacggg agagaagggtg aagagattgg tggaggacga 420
 gtcgacgccg gagcaggcaa caatatcagc gccacctcca tccttcacac gggtaagaa 480
 ggcgaagaag cctctggcta ataccctagg tatcaagaag aagcccaagc cttcgttggt 540
 atgacatgta tgatttcttt acgttttgta ctggcggtcc actgggcacg gatatgtact 600
 tctacgatta gagcagcata tccaaatcaa tcgatattat gattattcag ctaaaccata 660
 catatcaaaa gcagacgagc tcagaaatag cgcgcaagga aa 702

<210> 7323
 <211> 664
 <212> DNA
 <213> Aspergillus nidulans

<400> 7323

aggaagacgg cactatgcgg aacggacccg acaatgagtg aagagaggct gaaaaggggc 60
 gcaggacagc gggtagggca tgcggcgctg aacagggtcca atgaggggaag gatgattagg 120
 cccccaatt cttggccaaa cttatacctg ggcatgtcaa ggtattgatg taggtaacag 180
 tggggaactc ataaaccgct tacactaggg tgaaagcaca ggatcgtcct attgagccca 240
 tgatcgtgca acgccagttc agctgcaaac gcctgtgagc ggatcacctt tgcggtgcaa 300
 tctttcaccg agcggtatta cagaacacac ctgctttgct ccgactgtgc tggatcaagt 360
 caatgaggga gagagaatgc gcagaaatat aggatcctac tcacgtatag aattcgagaa 420
 aacaagggac gtatcatagc tcctcctcga actcgactag tgcgccaat ggttttgctg 480

ttctgtcatc aaatgtagtc gctctctggc tcgatccaga gaccatgcag atacagttgc 540
 tcatctgtga tggcattgct gggatgccga tgtgactggg gcgaaattat cctccataca 600
 gttaagcaca ggaaagcaca gcagaaacgg ttatatgat gcagtttctg acacggagtc 660
 ttcg 664

<210> 7324
 <211> 465
 <212> DNA
 <213> Aspergillus nidulans

<400> 7324

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 tctgggactc ccagggactt gagaagaacg tcgtcgacat ccagctgcgt ggtgttactg 120
 ggttcctgga gagtaaattt gaagaaacgt tgaatgagga aatgaaagtc gtccgttctc 180
 ctggagcccc cgacactcac atccactgta ctttcttgat tctcgatccg tcgcgactgg 240
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 agttttggga gtcctcgacg aaaatttcga tctccaggtt cttcgtaccg ttatcggcaa 360
 gaccacggtc gttcctgtga ttagcaaggc cgatactatc accacggcgc acatggcata 420
 ccttaggaaa gcagtgtggg acagcttgaa gaaggcgaac atcga 465

<210> 7325
 <211> 627
 <212> DNA
 <213> Aspergillus nidulans

<400> 7325

catcagaata atacctgtac gaataattag aaaatatacg gccgggaatc aacctggcgg 60
 gtttgaaggc gaaacaaagc tcagcttgga cttgcgttag attatgataa aagggcccaa 120
 aaaaaagaaa agaaaaaccc ctaataagag ggggggggga aagggctctc tcactactat 180
 acccgtagac tccagccaga gtctggtgca tccagaccga catccagacc aggattacag 240
 gcgcaagggc cttttcacag aagtattgta agcaagacat aatccgagtc atcgggcaaa 300
 gctaccgaac tacgggggtg gtgcaggaga aatgccatgc ggccgttggc ctcaaaactc 360
 cgccagacgt catgatcgag ttggattccc tgggtcgtga cacactcaac aagggatctt 420

aaattctaga atcctgtcga tccggagcga ctogatgaac cgtgggttgag agaaatcagg 480
 atcgggtatatt ggaatatgta tcagatccgc atccggggct gtgcgtcagc cctatctagc 540
 cagtcagtac acgagtagcc ccagcagtgt gattggccac gacagaataa agtatttcaa 600
 atccaaggct tggctgaaga agggaga 627

<210> 7326
 <211> 1041
 <212> DNA
 <213> Aspergillus nidulans

<400> 7326

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 gacccccaat accgtttcag ctcggccggt tatcagccgc cgcagcgaac acctgattgc 120
 tgcgtcacca gcaaagcttc ctctcagtca acgctctccc gactgccaac ggattctgaa 180
 tcgaaccccc gcggagccgc tccgataca accacgaata tgaatggaga cggcgctcgcg 240
 aaacgcaagc gcaactccat ctccgcggcg gcggagcggc cgggtgaagca cctgaagccc 300
 gaaaactcta cactcacccc cggcgacacc acccagcca atgggaccgt ttacgatgtc 360
 gaggacaatg aagagctagg gccgttgatg gcgattgggc cgacgcaggc ggattcacca 420
 gaatggcagg ctacgattga agaggtagtg aagagtgtcg tctcaattca tttctgtcag 480
 acttgttcgt ttgacacaga gctgtcaatg agtagtcagg ccaccgggtt tgcgtcgat 540
 gcggagcgcg gttatattct taaaaccga cacgtcgtct gtccgggtcc gttttgggga 600
 tatgtcatct ttgataacca tgaggaagta agtcttctgc tagtgacctt ggattcaa 660
 tacaacctaa actaataaat cagtgtgatg tctatccgt gtatcgagac cccgttcacg 720
 attttgggtt cctcaagttc gaccctaaag ctatccgtca catgaaactc agagaactga 780
 agctgcagcc ggatggagcc cgtgtgggat cggagattcg agttgtgggt aacgatgctg 840
 gagagaaact gagtattctc tctggtgtta tcagccgact cgatcgcaac gcgcccgaat 900
 acggcgatgg ctacaggac ttcaacacca attacattca ggctgccgat gcagccagcg 960
 gcggtagctt ccgcaggccg ggagtaaaca ttgatggaaa tgcgatcgcc ctgaaagctg 1020
 ggggcttgca accgcctttt c 1041

<210> 7327

<211> 116
 <212> DNA
 <213> Aspergillus nidulans

<400> 7327

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 caaacagaaa gaacacgagg catccctgta ttattacaaa cggacgtaga aaagta 116

<210> 7328
 <211> 860
 <212> DNA
 <213> Aspergillus nidulans

<400> 7328

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 aacgccaat catcctgccc ctcatattcca accaacgcaa tcctggcagg cttcttcctt 120
 ggtgccgtat tcggtgccgt ggccgctctc cttataacag tctgcatccg tcggcaccgg 180
 catagcaacc ctccaccggg cgaaaagggtg gcacaaaaca ccttccgcaa atctacggga 240
 acgctcattg gcatatccga gcctatcccg tcgcacgaga gtccttccg tacagatttt 300
 ctctaagca cgaattccaa gcgcaactct gagagctccc gtcctgttct ctctcgagc 360
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 ggcaatatac cagctgtgcc acctgttcca gctatcctct cttaccagt tactccaccc 480
 cagcagcggc aacctagtcg ccagcccagt acagaaagta tccgggtata cacacctcct 540
 ggcgtattca cgaacgcacc gtcccttaat ccgtctccgt atccagctga tcagcggccc 600
 aatacgacac tgactgagat tctggatcgg gtgcaaactg cagtgcgaagc tgagcccgcg 660
 tctgcgagcg gtgcgaacag caagaccgat agcacggcca caaacaatgc atcacagcgc 720
 tttctctctc cgcccccca gcaactgggg cggaggaaac agttacctta ctgaggggtg 780
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 agcattgtat gttttaatac 860

<210> 7329
 <211> 587
 <212> DNA
 <213> Aspergillus nidulans

<400> 7329

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taagagcggtt aaatgatctg attcggggac gaagaatttc tcgctgctgg cgtcagattc 120
ttcctgtcgc tctttggggc ggtagaagac gttgggcaca gaaagcatcg agacgatcgt 180
gagcatttcc tcgctgcaac catattgctc cgcgccgta ataatgagct ttgcgagagg 240
aggatccatt ggaaaggggtg tcatttgccg ccccaaagtc gtaagatcac ccaggttgtc 300
gagagctcct agagaccaga gttcgaaaag agaggtagaa attgtttctt gaggtggagg 360
gtccataaaa tcgaagtcaa gtagatcttt cagcccgagg gatttgagaa gaaggaccgt 420
attagagagg ctgggttcgt gaatctctgg aatagtttgc aggtacatct cttttttgta 480
tgcacctcgg tgtagagtcg atatgcttta ccagggcctg ttcgaccggc tcttccagaa 540
cgctggttcg cattcgcttg tgaaatcggc gtaatttgaa gggatc 587

<210> 7330

<211> 734

<212> DNA

<213> *Aspergillus nidulans*

<400> 7330

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gaggactggc tggggaaagc tttgacgggt tatcagacaa ggcgcatgga gaagataagc 180
tggagataag agtatattgtc cgtcatggat tgtggatggg agtgcacagg attatcgagt 240
tcaagactcg atgacatcct ggttgatat gctgtgtttc agagggtttt tggtttcaga 300
atgaagcgag ggagaagaaa ttccttgagc gcagtgttgc acgaagccaa gccagcttt 360
ctactctctg ctgtctactc cgcaccactc cccctcatca ccgccagcct atatagcgaa 420
gactgtgctc tttgggtgtt cacacagcac gtactggcat tcacagagct gaagacaacc 480
ttggaccagg cgatggtctt taatgaacag ctaacctaac ctccgtcaga caccgttatt 540
cggatcctcg cacttcgttc taggtaaaaa tgtgttggtt ttcccagcta cagaaagctg 600
ccatgaaggc gccctacca acttactgtg ctcgactga aagtccaagc gaaagatagc 660
gagcatagac ctagacaaca gatcgacaag tgctgcagtg tatcggttc ccatgttcga 720

ctgcgttctt acga

734

<210> 7331
<211> 806
<212> DNA
<213> Aspergillus nidulans

<400> 7331

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caaatcggtc tccccaaata ttagatacag atacttcaac gtctctgcca tccagaaact 120
ctccatgcta ttttctctct ttacatttcc ttctcaacc ataacatccc gcaccgccgc 180
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gcggtacttt tcgtccctg taatgcgcca catatagaag atactctcca ttgcctcagg 300
acgcagaaag tagtgcccat cacgcacgta ggtgtagata ccacccttg ttcgtccca 360
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cgggtgaatta tcgtagtacc agatacaacc gtctgtcagc ttccggccgg tgtcgaggta 480
cgtctggttt gagaaaagct tcccggcgag cgcgtacatc ccaccacaa aacaggcgag 540
atgctctgtc cggggctcga gtcccacgga agagctggtt gcgtgcgcga ccccggttag 600
gaggatatct gcatgatcag gcgtcatcgg tcggaagagg agatgtcgaa tcccggcatc 660
tagtgcgttt cgcgccagac gctcgtactg tggccctttc cccacaccac cgaggagccg 720
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atatgggcaa cttcacatg cacaat 806

<210> 7332
<211> 519
<212> DNA
<213> Aspergillus nidulans

<400> 7332

aaagaggaag ctaagaggag ctgatagagc gataagccgc aaattcaaac cgtgagcctg 60
ggcaataagt cggatggggt agtgctccaa gttctcagga agagattaag ggccaagtgg 120
accgccaagg aagagtatgg gcttcttata agacacgatc tagataacga gtcagattcg 180
gagataaacg gcgccgggca ttgtattatt tttattcagt agtcacagca acagtgggtga 240

tagaagaag tagtcacaga attgaataaa gccctcccgg gaatcgcaat ctcatacata 300
 gtggatatcaa ccgatcatccg gtcatatcgg aacattatta caacaagcca caacggacaa 360
 agaagggaaa acggatatca tgaaagccac ccatcagata acaccgcgc atgttgagtc 420
 agtgtttggc agcactgtat ctagctatta cgcgagcgtt gccgtaaggt tgaggtcgat 480
 ggtgacacat tggcgctaatt gctttggtga aatcgggat 519

<210> 7333
 <211> 572
 <212> DNA
 <213> Aspergillus nidulans

<400> 7333

ccctttgaaa ctaccaagag aatagatttc gtcaccgcta aacaaacctc atatacacca 60
 tatttcgcct agcccacctt accagctctc acttgccgcc acaatgcccc gcacgcccct 120
 ccgcatcgct gtcctcgaat gtgacacccc gcccgaaatcc agcaacgcca aatacggcgg 180
 ctacgtcggg gtcttcaaga cctcctctac agcagcgtta gagaacttta taaacaagaa 240
 gaagtcgacc cgtcttctat cctcgagatc tcgcgctttg atgtcgtcac ggcacaaaac 300
 tatccggatt tggcgaatgt tgatgcgggt ctgttgacgg gttctagtat gcctacctcc 360
 tcctatctct tgcacacgtg gttttggatc cgtattgcaa gcgcaaaatg ctaactttgt 420
 tatgtttggg tccatacaga acacaactcc ttcgaagacc acccctggat actaaaactt 480
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 ggacatcaga tcattggaag agccctcggt gt 572

<210> 7334
 <211> 150
 <212> DNA
 <213> Aspergillus nidulans

<400> 7334

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 cgattaatca tgtgaacttt gtagtcaatc ctgtcgcaaa ttcataactg gatcatcacg 120
 tagaaaagct tagttaaaat cacatttgcc 150

<210> 7335

<211> 363
 <212> DNA
 <213> Aspergillus nidulans

<400> 7335

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 tcaatgatag atggaatgcc tgagtagggc agggcaagtg cagagaacct atgacggata 120
 gctgcttggg cccaagatcg gtgccagata ttaatatcag ctgggaatgt agtgggatta 180
 acgaagtaag gataatacag gttaataaag taaatgagac ttggtagtag ggtgtatagt 240
 ttcaaataaa taataagaga gtatggataa aagggatctc gggtagaaag ggccagatta 300
 taggaactgg gaaatagaaa aaacgaattt ttaggttttg gaacatggag tgtgaagagg 360
 ttg 363

<210> 7336
 <211> 1050
 <212> DNA
 <213> Aspergillus nidulans

<400> 7336

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 gggattagaa gtagatttaa taagcctagt agtaggtcct gcagctcctt agtatacttg 180
 cagactatat agttgtcaag atattgtgct atattacaac tctatatttg ctagtagtaa 240
 caggccttga ctaaggcctt tatctttgta tagcctaggt aagctgtaga tagttgctaa 300
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 tagaagagta attacccttc tttatctaata atctaattc gttattcctt atatgccttc 420
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 tacagttctc tgtctaatag tactatcttg gtatTTTTtc ttatctctgg gggtaatttt 540
 gcagggctct gtagaagaac tcctTTTTtt aactactcta gacacagcag tactgctgta 600
 taatcttctg tattatctag tatcttctct ggataagaaa gtatattagc aagagtattt 660
 tctttgcccc ggagctacag attaggaaat aaaattaaga aagaaattta gactagttag 720
 cttgccagca gttaagtctc tgctttatta taaagtattc taatgccag tagtctgtat 780

agatatcaaa gtaattttat actacagacc ctcaagctca gccctctatt tagttaggga 840
 gtatataatt actagtatgt tcttattatg gatattatag ttcagttctg cggtacctat 900
 agtctttata aagtatataa ctagggtgcca gagatcccta tacttctatt agagaactct 960
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 gtgcaatact agtataaagg ttagtatata 1050

<210> 7337
 <211> 752
 <212> DNA
 <213> Aspergillus nidulans

<400> 7337

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 cctcccggtt tctgactgca actcatgctt caatcctcga gtggatccgt tctgagcgtg 180
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 ctccaagac atccaggagc agctcatcct cgtcttagcg 540
 ggc aagcgtttcg acccattcc acaaggcgat tctgtgggatg 600
 acaacggctt cggctctctgt caacatttac cggactttcc ctggccagat tcaaaccttc 660
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<210> 7338
 <211> 736
 <212> DNA
 <213> Aspergillus nidulans

<400> 7338

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 catcgccatt acttatctcg tatctggagg ctgcaaatca gttattgttc gctcgcggag 240
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<210> 7339
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7339

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<210> 7340
 <211> 285
 <212> DNA

<213> Aspergillus nidulans

<400> 7340

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<210> 7341

<211> 425

<212> DNA

<213> Aspergillus nidulans

<400> 7341

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ataataaaaa tataataatt ttattaaata aatcttttaa tttaatactc ttaattatga 180
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atctaataaa tatagtacag ctctagtata tctataaata ttctattttt aatagtagct 360
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<210> 7342

<211> 1042

<212> DNA

<213> Aspergillus nidulans

<400> 7342

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agactgaagg aaggagccgc atgcgactac gcattgtccc cgacgacaca aaggagagac 180
aagactatca accgaaacgc aaagcatcgg aacctcctgt tgttaagggtg gacgcatcag 240

ggccctctaa cggcaagact cttgctcccc cgttggatga tgagcgatca actgacagtt 300
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 cacaatctct tggctcaaag tttgccagcg tcttcgggca ctgcgccggt taccagcaa 960
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<210> 7343
 <211> 606
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7343

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 gtccccaaga tctcatatac gctcttctgc ctccgcgaca gcatcacaat ctctgcctcc 180
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 attgtgccgg cgtacgggat aggtggtgtt gtcaatgtca ggatgcgcgc ggagttaatg 480
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taccat 606

<210> 7344
<211> 550
<212> DNA
<213> Aspergillus nidulans

<400> 7344
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tcattgcctg 550

<210> 7345
<211> 1360
<212> DNA
<213> Aspergillus nidulans

<400> 7345
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<210> 7346
 <211> 867
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7346

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 aaaatgcctc cccacataa gccactgctg gttccgtgaa gaaattgtca gccgctcggg 180
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gagtcatacc accatatgag tagaacagct attacagttt cagtatgtga gagttgtttc 480
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<210> 7347
 <211> 895
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7347

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<210> 7348
 <211> 566
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7348

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<210> 7349
 <211> 603
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7349

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atacttcttt gcatcgcac cgtattcgag tacagacatc cctgaagcga ggctatcaac 540
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ctg 603

<210> 7350
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7350

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cattcttgaa gatgttgcac gtattgattg gacatcaggg ctaggcagaa atgattgcga 600
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<210> 7351
<211> 408
<212> DNA
<213> *Aspergillus nidulans*

<400> 7351

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408

<210> 7352

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<212> DNA

<213> *Aspergillus nidulans*

<400> 7352

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<210> 7353

<211> 1051

<212> DNA

<213> *Aspergillus nidulans*

<400> 7353

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atataccagg tccagttcat atacggacgc g 1051

<210> 7354
<211> 984
<212> DNA
<213> *Aspergillus nidulans*

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gagacggaga cacagaagaa aaag 984

<210> 7355
<211> 716
<212> DNA
<213> *Aspergillus nidulans*

<400> 7355
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<210> 7356
<211> 559
<212> DNA
<213> *Aspergillus nidulans*

<400> 7356

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gatgcagcag accccaggct cttggatgtg ctgcagcgga ttgtaggcag gttcgagcag 180
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ggcgcgggag ttgggtcat 559

<210> 7357

<211> 662

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7357

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ttcagatatt taagtccttt gctagcgaaa ccacctttgc acccctatca cagactcgtg 180
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gccggaatcc caccctgcaa acacccaat ttcttatcct ataaaggat gccatatntc 600
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ta 662

<210> 7358
 <211> 659
 <212> DNA
 <213> Aspergillus nidulans

<400> 7358

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gaatagagtg ggcgaggcat aaacatcctt tcacccaaac cgaccgccct gatttctgct  180
taaaagggcc actaaagcct tgtcagcttc atcgacacaa tgctaatacta ctgatgcttt  240
ggtaagtgcc gagtggcgta gttgcagtga cccagactt gacgttgatt aatccacttc  300
tatagtattg tctaagctaa tcccgcaag tttgtatctg ttctgactga agaaagaagc  360
gcttagccac tctgaaagga ggttgctaaa ggtaattaac cgttgctgaa cactctcttg  420
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tttgacactg ctttcaccgt cgatgagcgc cacccttac atgaaaagga ctgaggtagg  540
acatttcagg ttgaccgtca agttctgagt tgtaagtatt ttctattgtg gagggggtgg  600
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<210> 7359
 <211> 1000
 <212> DNA
 <213> Aspergillus nidulans

<400> 7359

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ttcggtcata atacgcgcgg acagctcacc gaactgctcg aactcttggt gaagccactc  300
ctcggtgacg ttccaggaaa ggttgccgac aaagagggtta gcggaggcac cctcctcagt  360
cttggaattc ttggaagcag cagcgggctc ttctcagcc ttgcgcttct tagaatccgc  420
tggcttgctg ctgtcctcag actcggaccc ggagctacca gactcctcat cagaatcgga  480
  
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agaactctcc gagctgtcag agtcagaatc agactcttcc ttggaggtct tggcgctgcc 540
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 atcagaatcg gaggagtcag aagactctga ctcgctagac tcggcctttt taaccacctt 720
 gggttcagcc ttggccgatt tagcgggttt cttctcttcc tcaactctgc tctcgctatc 780
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<210> 7360
 <211> 487
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7360

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 tgcgagctct gacagtcaat cgtggcccac ctatctagag cactacatac accgcgatat 300
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 tgcaagaggc tgccacgcac acggtgcatc cggatatcac accgccagac cgcgctacat 420
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<210> 7361
 <211> 506
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7361

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 agaaatcgtc ctcgtcgaca ccggcacccg caccacagcg gccggctctcg gttgaagagc 180
 gcaagaacca gatggcgcaa cttgcagagc tgggagttgc gatacctgag gagtatcgga 240
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 gggggtcggc aacgcggcg tctcctggcg cgaaagatga ggaagatgat atagatgcgc 480
 tgttgccgctc tacgaaagaa gtgaag 506

<210> 7362
 <211> 592
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7362
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 accacaagct aataggggaa ggccatgatg ctctggaaaa agatcactgc ttggagaatc 180
 tgacctcagt atggggattc catcttcagc gagttgtttg gctgaatgac tcccagcggt 240
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 tggcggcgcg atgaatccac tcaacatacc ggccaatacc tccaaaataa cagagaggct 540
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<210> 7363
 <211> 1105
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7363

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 tcgacatcga tgcaatccgc gcatttgaac aggagaattc agtgatcccc tcacccaat 180
 cacgaaaatc gcgctcaagg tacgcggata cggatctagg agagcccaaa cttaaagaagc 240
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 ttaacacaaa aaggctctgg catcgccct tgattggaca tacgaaatct gttctgtgcc 780
 ttcagtttaa cccgagcccg tccgaagaca ttatcatatc tgggagtagc gacaagaacg 840
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 attcggtcct gaacctccga tttgatcatc gttatctcgt gacctgttcg aaagacaaac 960
 ttatcaagat ttggaatcgg aagaacctgt caccagccga caaggattat cctagcgttc 1020
 atcagggtc gggaaattca tatccgtcat atatcgtcga cagcagcgtg ataccttctc 1080
 ctgtactaga agaataaata gctga 1105

<210> 7364
 <211> 563
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7364

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 gtcctcgagt cgcacaggtc tgggtgatcg ttgtcccagg gcagggactc tcggtccac 180
 aaaaccgtgt gaatggccct tcaactccgta aggggggttc atacctaaat gccgatctgt 240

cagcaatata ggagaattgc ttctcgggtg ctgaactggc gggttcaatc gatgagtaga 300
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aggatgttag gttaaagcgc catggcacac cggctgtctc tgtggagctg atcccaagaa 420
tgctgggcca gagagaggag tggaagaagc gcgcgagaat ggtcctggct tgttggttgg 480
cggaccacaa taagcaaggc agggacttac catgtaatga cagagttttc tgcgacagaa 540
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<210> 7365
<211> 108
<212> DNA
<213> *Aspergillus nidulans*

<400> 7365
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tcatgactgc caactggcag caatcgctac acacagaggc catgccgg 108

<210> 7366
<211> 502
<212> DNA
<213> *Aspergillus nidulans*

<400> 7366
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aacgatggat accaggttga tgctgggtcga ctgtgggtct attatcatca tggatatcggc 120
attattatgg gcagcttcaa cattaggtgg ctcaattcag cctggagtcc ctgaatgatt 180
taagcgggca tcattagaaa taatggcatt atcacctgtt ttagagtta tgcttagtgc 240
taagaattga agagtctgt gcatccttgg gtttcgagag gcatgcaaga gctgccattc 300
gacctagcca tgcaccctcc atcctcgacc atcgaatcac cagcagcaga attagagcat 360
agcttcgagc ctcgagtaga gtacagtaaa gacgagaaaa gatcagtaca agcaagctga 420
ggtcgaaatt cgctggcatt cggttttag agggcgactc gattgttgcc cgccgctgca 480
accaactac tagtaacgat tg 502

<210> 7367
<211> 1206
<212> DNA

<213> Aspergillus nidulans

<400> 7367

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cgaatgacgt tttccggctg atctcagatt cagatcgggtg tctgcacgtt atgatgttac 180
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catttt 1206

<210> 7368

<211> 843

<212> DNA

<213> Aspergillus nidulans

<400> 7368

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 gtgcattgca ttcagcgata tggaactgtt aaaaatgctg ccaatgctca ggctcatgta 180
 tccgctacca gaagcacaac agacacggac gaaaccatta cgggtgatct gtcttggcct 240
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 cctgctgttg aagctacaaa accgtatgcc ggctccagat gtactcagag aacgctat 420
 cgatcgtctt cttggagaca tggaagcgtc tacggatgtt ccaacgggtg ggtttgcacc 480
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 gtcttggaaa aaaagcttcc ggcgatcagt actaccgatg atgcaaagct ggcgatactg 600
 gttagccagt tggtttcatg cggaattatt ttggggcggt tggtcacac gccttggaca 660
 ccatacgttt cttttcaaag agaatttcga gataaatgcg gagaacgcgt atcaggacca 720
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<210> 7369
 <211> 376
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7369

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 gatcaagtta tgcgtaacga ggatctgggg tgggacgaaa gacggttgcg cccagtttat 300
 gggttccatg tcatagtaag aacaaaatca aaattatata cacagctcac aacatatata 360
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<210> 7370

<211> 535
 <212> DNA
 <213> Aspergillus nidulans

<400> 7370

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cagtcattga agggatatcca ggtcaaaatt ggctgggtca ggccacggcg gcgtcgactg  180
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gatcttttat ttcgtaattg cactgcctag actaccggac aatgtcatga cggggccagc  480
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<210> 7371
 <211> 442
 <212> DNA
 <213> Aspergillus nidulans

<400> 7371

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cctgaggagc aattggcggt ggaacgggag caggcggatc tgatgtaccc tcccgtacat  180
cgcaaacgcc tgcagaagcc gggaccagta ggtcggggccg ttccttggct aatcatcctt  240
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ggcatcgga aaccgacatg gtcacttgct gagactaagg ttcctgagtg ggccaatgtc  360
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<210> 7372
 <211> 598
 <212> DNA
 <213> Aspergillus nidulans

<400> 7372

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tatctagacc ttaaagatat atatttataa ggtagaagat taattcataa ttacaataat 180
ataaagtttt actattaaga ctactaggat ttactattta ttattattat tattcctata 240
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actaggaagt tatagttact aattgatctt cagttatagg aagattgcta aagttatagt 480
tatagatttt attatagatt ttgatataa ggtaataaa aaaattttta aatagatctt 540
aactgatcta tattccagct ctctattaaa atattactct aaaaagctaa aatatata 598

<210> 7373

<211> 489

<212> DNA

<213> Aspergillus nidulans

<400> 7373

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ggagagtttg aacggtagcg tagaaccgcg gcgtgagtga accctgctct tcattatcgt 420
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gctccgtat 489

<210> 7374

<211> 1241

<212> DNA

<213> Aspergillus nidulans

<400> 7374

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aagcagatgc ttgtgataat ggcactttgg ctcatgtttt aacctcgata taagaagtat 180
gattggtaga catatgccga ttaatcaagt acatagcgca ttataacatc gatagaagtc 240
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<210> 7375

<211> 821

<212> DNA

<213> *Aspergillus nidulans*

<400> 7375

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 cagtttcact gcattcgtct atgcttattc cccgtctttg cctcccggat ggtagattaa 180
 gctttgagaa gctgatctct tactggtttc ctggctgaaa ctgccgtgct gcagatccga 240
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 cttcttgaca ctactacatt tcacaatgtt atcaacggcc agttgacatc cacggccact 420
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 gtcgaggctc gcatggccgt cacctggacc cggcagttgc ccacgattga gatcccgaga 720
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<210> 7376
 <211> 447
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7376

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 cgcacctggg taaagaatgt gggcagggag gtcgcgcacg caacaataat ggcaacgttc 180
 atctcgacta ttctgcgaat gattgttagc actgcggctg gggctgtgga ctgaggggttc 240
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 tgttgtagtg gatggaggcg ttgatcagtc gagctagacc ggctgcacag gcgctgcaag 360
 tccagaggtc aaatcagagt gcgtccggtt tccgatcag atacggccat agagcgcaac 420
 tcaccccaac ccgcttgcaa aaactaa 447

<210> 7377
 <211> 1258
 <212> DNA

<213> Aspergillus nidulans

<400> 7377

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ctttcgcccc aataccatcg acagagacgg tataggcttg gctgcttggc taggcagaga 180
tccagtaata gtaacaggat cagagggagg cgggtaacga ggagcggcct ttgtaagcac 240
tggcaaagca gtagaccgat acgagtctcc gagagaagat tccaagactg aagccatgga 300
gggagtatga tggaccgaga accaagaagt gccggctggt tcggatggtg ggaaaaggtc 360
ttccgagtag ctctcgttgt cgggaatggc ggagcactgt cgaatgggct gtggtgggct 420
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ggaggaagtc cgaagggggt cgcgattggc acttgcgga accacctcgc gctcgtcagt 540
acagaattca tccagagctt catcatccgt cgtaaaggat acagcccga tgatcgcatt 600
ccggatgccg gagagagacc gcttctcagc gtcgagagcc atgctgatcc tcagaatctc 660
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ccaggtctct cgggtcgcca ggcccaaata gccgagcttc atggatccat cttgagtaag 960
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tcatctgatg gctttccata ggtcttcatt cgcacaatac tccaacacat ggtaaagggt 1140
agtagctgtc ttcaagtgcg ggacaagcat ggacaatatt aggatgatat gcgagggcgt 1200
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<210> 7378

<211> 162

<212> DNA

<213> Aspergillus nidulans

<400> 7378

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 acacgttgta ctacgctagt ccgacgaacc gtattgatca gccgcagttc cccgaatttg 120
 cgatctgcag ttgcccgcca ctaagcggca atgcaactcg gc 162

<210> 7379
 <211> 792
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7379

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 taacgtcatt caatattaat actccgttaa caccaccaat tctctctttc tgatcccgtc 180
 tgatcgactg ctctgggtgt gtcttagttt agccttgctc aaagggtata tactatttct 240
 tgttttctgt actttgttca agtcttatcg tgtacagcaa gatgaccata ttcgctggtg 300
 cctgccagtc tttcagacca tgaacagcgc ctttactgct tgactattgg actcgaatac 360
 tcgtttcgac cctcctcta atccttgtct taacctctta cttggatcac ttggattcta 420
 tctgcgcttc ctgcctcttc cgatccgatt tcgacttcat ttctcccaa catggatacg 480
 ggtgatcgtg ttctctgcca cgctgcggc cagggtatggc ctgcgatttt gtatgagaca 540
 ctagagtgtc cgtactgcag ttcagagttc acagaaatag tatgcgtctt actcactttt 600
 acccatgcta gactgacctg cgcagattga aatccctccc gatacagacc ctgagccctc 660
 gccctcgccc tcgccctcac acccacatnc ggatcccccc gagtcctttc caggccagcg 720
 ttgcgcgacg ccgtcttcat cgaatccctt tgcagaccac aacccttggg cacacacgga 780
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<210> 7380
 <211> 545
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7380

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cgtaacgata cgcacaactt tgcgctcaac cggacctttg ctggtcgccg gatcgccaat 180
 ttgttcgcag atggcaacgg actctccctg attcaccagt ttggcgagat agttttccac 240
 cgcattgtag ggaatccccg ccatcgggat cggctctccc gccgaagcac cgcgtttggt 300
 cagtgaata tccagcagtt gcgacgcgcg ttttgcgtcg tcataaaaca gttcataaaa 360
 atcaccatc cggtaaaaca gcaggatctc gggatgctgg gctttcagcc tgagatactg 420
 ctgcatcatg ggcgtatggg cgtcgaaatt ttctattgca ctcatggggg tatgtccggt 480
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<210> 7381
 <211> 491
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7381
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 ggcgcgttga agtaaggaaa gaggctcgtt ggaagatacg ggcattgaaa tttgcgagag 120
 gtctttgccg acgttcttgc gaagaaaccc aatcaagcta ggcggcatca ctgtcgggtgc 180
 agggatgtta ttccgccgag gaaccgtgtc gagtggcagc ggagtaagggt tttttgggtcg 240
 cgctgggaat aatggagagt gttggtcgtg cgcagcaccg tgcccccgcc ttccgtagaa 300
 tcatcgtcgc tatcggacgg cgcacgtcga gcaacgacat ctgcttgggc atctgctact 360
 gtatcctcgt cgctgtcgcc tttgatagtg agcaattgag aatcgggtggc gtcgaccgcg 420
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 gggggctgac g 491

<210> 7382
 <211> 799
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7382
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aaaagtaccc cttgtagata gattgttacg atacttgcgg ggaatcacga ataccccaac 180
 ctaatgagga accgtaaccc cttgctacct gccagcacc acaaatatgg caggtttacc 240
 gttagggaga cgccccacgg tacgcacgct cgctcgccag gagctcacgt gggagcccga 300
 gcttttcgat ccgccgtccc cggcgttctg gaacggccgc ggcccctgct gagatgtgtc 360
 cgtccacagc tcccgcccggt tatctcaata tctggactgt caaatgcagc acagttctgc 420
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 atagccgtat gcggaagtga aggtggaagg tcagctcgac cgataagtgt ggggtaaaag 720
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 aaacagtaga accaagtcg 799

<210> 7383
 <211> 802
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7383

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 gagacaagga aaccaatgta gaaacgcctt tcagggcgga catgggcctt gttctcgtgt 180
 aaataattct gggaactact actctatttg cgaccagtct caacgagatg aggccaagtt 240
 ttattccttt gcactcgggtg ccaacgcggc ctatcaatga gagcggttca ccctggacag 300
 ctatgaggat agtaattaag ctttttcaaa aaggtagcat tgcgaggata gcaggttgca 360
 agttctcgag ctgtccaggg cccgtcaaca aaagacacgg ggcataatga tggcgacgaa 420
 accggccacc cagcgacctt accaccctg atcctgattc tgcgtacaag aaatgaaacg 480
 gcacacgcga agaatactca gtctgtatat tgagttagcc gccgtgcgtg ccgtcccaga 540
 ccaatatcat ccttgttcct gaggcaggac ggcaagagga gcaacggcac agaaaagacg 600
 caagggcgac gaccaggag ttggattgca ccccggtagt ctagaagcca agccgaacag 660

catgattagc tgcgaagtaa cgtctttttc tgtagctgct ctctggaatc caggacaagg 720
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<210> 7384
 <211> 644
 <212> DNA
 <213> Aspergillus nidulans

<400> 7384

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 caacgtcagt agtcgccttc ccgtgccgtg tggagatcac gtacctcgcg gtgattaata 180
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 ttttttagca tcgctcctag attcatgaca catatgccga cataccccac gcggacccag 420
 cttgttgcca gggatatagg aacgtatcga cgattaagct ccgagcacat gcttgtacta 480
 gatgctgtta gagaatcgtt tatgttcatt gttgtcggaa aaccaccga cgttgatggc 540
 gaagtcaaca gcgtaaatgc tgagcacggc gagagcaatt gtgacgcttg cagcctagga 600
 caagatgcgg agtcagccat atggtaacta aataattcag acaa 644

<210> 7385
 <211> 379
 <212> DNA
 <213> Aspergillus nidulans

<400> 7385

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 tcattctatc tgtccgactc tctgggagct tcgcctcgat aatcgccata caccatgact 180
 tcgcaacaag ctgtaccgtg gcaactggggc tccgcgtcag cccgtacgac caaggcctcc 240
 tgcagcaggg taatgagcgg cacaagaac tcttggggca cgcagtactt gtgtccacga 300

tactgggtga gattagcctc tcgacaaaca tgctgttcat gcaaaagggtt cgtcaggaat 360
 taagcgctgt cgagaaggc 379

<210> 7386
 <211> 1016
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7386

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 cctgaatggt caagcaatgc gactcatgct cataccgtgc gatcacaagg tccacttaca 180
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 caacataatg tcgtcgattg tgaataatgc aagtcttggt cgctgacaga gaagcaagtc 360
 tttttcaa ac actggaaact tcgctggaca ggctcaacag actgttccag cggagatgag 420
 tgccggttag agtcgaagtt gacagagcat taagagaact tctactgctta ccacaaggcc 480
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 cgcagggcct cgagcggtac actaactcta atttccttct gctggttggt atgatttgga 600
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 cagagtcttg gactcttgat tgatcctggg cgcaatatta ctccgtagtg ttgttacaaa 720
 cacttcgatg aagcctgaaa tagatctcca catatggaac gaactagcgg cgtctcactc 780
 cgtttttggc ccagacagac acgatggcta tggcatgccc acaaaccgct agttaccgcg 840
 tcggcgagga caattacgcg agtagtcaca gcctacaggc gttctaggtc tggatcta at 900
 actagaaaag aagttcgtgt ggatcatgct taactgcttt ttgacgcttg aaacaaatgg 960
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<210> 7387
 <211> 769
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7387

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 aaacaaagtc ggtgaatcgc ctccgcacgg tgaagtcagc cttctgaaag gatttgaaat 180
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 tttgtaccat cattctcctt tattggagtg tctaccgcac attctaaaac tccatctccg 360
 atgcctgcga gatccaaggc gtcggcatgt ggtccgcctt ggggaatctc actcgccgag 420
 ctcatcctcc gcttgccatt ggggtcgcga cgagtttcag gtgattctgc ggtatctgtt 480
 ccagatgttg taggtcgaga aatatcgtg tctgggccat ggcgccacga gacgctatca 540
 aagtcgtcat gatccatggg gaaggagagc ttcaagactc tcgataagag tcaaatacag 600
 taagcgctac cgagaagcta cagaaaaggc caacgaagga gtgaatatga aagtcaatat 660
 tggtagcgag aagtattgat tcaaaagtag gaagcaggct caggctggtc ggtcggattt 720
 gtcgatgtcg tggggagttg cggaggtgaa gttggtcaat tgggatggc 769

<210> 7388
 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7388

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 cgteccattct cattattttt cttgtttgat ggttccatat acccggtaat cgtttgtatg 180
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 tttatggttc tggagtatac ttctgttcg gttgacctgt gggaagcttt gctgtcagca 300
 aaatcagccc attcaatttg tactcttatg ttcgggctct gattgggcac ctaaaatctc 360
 acgctcgccc acccccagta tatcaagtca tgatatgtgt gatgagaaag actggtcggc 420
 aggatggggc cacggtaatt gagtagcact ccatccaacg gattacgaag gggggtttcg 480
 aaattatagc cgtagtcaac cgcaggagat atcgactgt tgtgaacttg taacaggagg 540
 ccatcaagga gcgtgacagc gagggatata ctctacctaa taatagtgc accgtgaatc 600

tcagagcaag ggagcctgga ccgtgactaa tatcatgtct gtgcaggaat gcgtatacat 660
cacctggact gcttactcaa ggaa 684

<210> 7389
<211> 841
<212> DNA
<213> Aspergillus nidulans

<400> 7389

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caggaagagc gcaaaccact cgcgaaaatc gacggtgcta cgatcgatgt cgatgcaata 180
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aaacaagacg aaacccccggc ctctgacacc gaagtgcgcg accaggagaa tgcgaatcca 300
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aagcgcacct acaagttcgc gggcgagatg ataacagagg aaaaaattgt ccctcgcgat 420
tccgccgaag cgaaaactctt cttatcgggt aatggcgatg gcgaagtcac accagttact 480
gaagatgaag tcgcaaatat gactggcaaa ggcaatgaaa acacaagcac aaacaacacc 540
ctccgtatcc gccgcccact tcgtaaaatt tcccgattcg atccgaaccc atccggcatg 600
atcaagaaga gctgggggaa gcagtcgctt acagaaactg gagctcgaac tggagccggc 660
caggagaaca tccgcggggc gaaaatcaac accgtcgaaa aatcacgctt ggactggggt 720
gcttatgttg accaggaggg gattagtgat gaactccgga tgcatagtaa agctaaagag 780
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<210> 7390
<211> 998
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7390

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 gtcgagccgt tgtcacctgg gttagctctg gtaatgattg atggatttat ggcccttgat 180
 gagttttgag acggccgttg ggagataatg tattgcagct aatatactcg atctacgttt 240
 gtatagttgt agccgtaagc gaggctccca gagtaaacga cgtcatgatg aatccaaaac 300
 tttgaccac gactaaaggc actctgctat ctaaagtccc cagcaatgga gcttcagcca 360
 gcattcgctt gaggctgcgg ttctctgtat tgttcagctt gtgcatcagc aaaagcaaca 420
 ggccccagta atttcaactac ttctgctgtt catgttgggc tctatactgt gattgcgggc 480
 ccacttcaac ttatctggac ctagctccaa aaccacacag tctcaccagc ttccagctca 540
 aaaaaatcca gcttcgatca acatcatcat aatggctgag caacgggtta acgttcacat 600
 accatccgc cccgcggttc tcgacagcgt tcgcctccgc aatatccaac tccctcttcc 660
 cgcagcgcca gacccatggc accgcaacgg taaacctcag ccgtgcaactg catcgctgaa 720
 gctctctac tcctccgcgg tggcagccgc aaatgccgat gatgtctctc tctctctcga 780
 ctacgggaag ctctatcgcc gactggaaga ggatatccgc aacatgacag cgggaagcaa 840
 acccagcggg accacgcccg ggcagcatat gattagcgtt gacggaagcc ggcaaaaaaa 900
 gatgatgagg gcggaactcg ngcangatgt gcgtctgacc gcgggaattg tcgccaattg 960
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<210> 7391
 <211> 837
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7391

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<210> 7392
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7392
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<210> 7393
 <211> 119
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7393

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<210> 7394
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7394

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<210> 7395
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7395

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<210> 7396
<211> 537
<212> DNA
<213> *Aspergillus nidulans*

<400> 7396

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<210> 7397
<211> 526
<212> DNA
<213> Aspergillus nidulans

<400> 7397

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<210> 7398
<211> 1278
<212> DNA
<213> Aspergillus nidulans

<400> 7398

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7399

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<210> 7400
 <211> 556
 <212> DNA
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<400> 7400

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7401

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<210> 7402
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7402

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<210> 7403
<211> 635
<212> DNA
<213> *Aspergillus nidulans*

<400> 7403

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 <213> *Aspergillus nidulans*

<400> 7404

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<400> 7405

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<210> 7407
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 7407

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<210> 7408
 <211> 872
 <212> DNA
 <213> Aspergillus nidulans

<400> 7408

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<210> 7409
 <211> 985
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7409

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 ggccaaaata gaggcgccgt tcgtgcacgc gcatggcgtt ggtaggagac tactctccag 660

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<210> 7410
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7410

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 aatatgcaga ccaaattgta tactttgtaa gcgcatgcga atgttgagag gcacgtgacg 480
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<210> 7411
 <211> 892
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7411

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<210> 7412
 <211> 479
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7412

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 cagcaccata cccacttcaa cccctctctt gacaattccg tatttcataa tttcacaaaa 420
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<210> 7413
 <211> 1356
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7413

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 ataatagaat aataataaga aaaaatataa aatggaaaaa gaaataaatg aaaaaaaga 180
 aaataagaaa aaatagaaaa aaagaagaga tagaggaaat agaaaataat aagtaaataa 240
 aaaaatgtag ataagaaaca tgaggaaata aataaagaaa aataaattga gaaaaaatgg 300
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<210> 7414
 <211> 485
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7414

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<210> 7415
 <211> 946
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7415

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 gttgcggttt gttagtatgt gtaagggtgc ttgtgatttt accttgtgcc tagtagagcc 180
 cgcagtggca gcttaggcct cgtgtggttt tccctcaaga gtccaaacca ggcgaatttt 240
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<210> 7416
<211> 500
<212> DNA
<213> Aspergillus nidulans

<400> 7416

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<210> 7417
<211> 878
<212> DNA
<213> Aspergillus nidulans

<400> 7417

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<210> 7418
 <211> 767
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7419
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7419

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<210> 7420

<211> 729

<212> DNA

<213> *Aspergillus nidulans*

<400> 7420

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gaattgctcg gtctcgaacg caaagaatag ctgcaatgag ccatcacatc agatatcctt 660
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agatctccg 729

<210> 7421
<211> 1312
<212> DNA
<213> Aspergillus nidulans

<400> 7421

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<210> 7422
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 7423
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7423

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<210> 7424
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 7424

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<210> 7425

<211> 888

<212> DNA

<213> *Aspergillus nidulans*

<400> 7425

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<210> 7426
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans

<400> 7426

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 cataactcct ccgccaatt ctccagcctg gattatcgag agaaatcaat tgaagactga 480
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<210> 7427
 <211> 1189
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7427

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<210> 7428
 <211> 898
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7428

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<210> 7429
<211> 503
<212> DNA
<213> Aspergillus nidulans

<400> 7429

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<210> 7430
<211> 775
<212> DNA
<213> Aspergillus nidulans

<400> 7430

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<210> 7431
<211> 800
<212> DNA
<213> Aspergillus nidulans

<400> 7431

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<210> 7432
 <211> 928
 <212> DNA
 <213> Aspergillus nidulans

<400> 7432

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catggaagta gcatgacgaa acaccatacc actgaggcca agatctgaga ttaaccacc   180
ttcgcatgac ggctgcgagg agattttgag aatgagcctt gacgctgctg atggccttca  240
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tgtagacgat acagtgcagt tgagacggta tggctctctt ggctgttct ccgagaaaag  480
catgcattct actacactca aagaacggaa ctgctatata acggtcgtcg aacaagacag  540
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<210> 7433
 <211> 886
 <212> DNA
 <213> Aspergillus nidulans

<400> 7433

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tgatctttcg ggatccgaga catgatagtt atgggtggaaa tgtaagatgg tgtccagatg  180
  
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 cgtgtggact ggccgcacaa caacgagaag gactcttggt cccgaagact actcgcaacc 840
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<210> 7434
 <211> 729
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7434

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 aagaattcgg tgggtgcagg atgaacttca cagcggcgat tgtggctatt gaggaacttg 480
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<210> 7435
<211> 1071
<212> DNA
<213> Aspergillus nidulans

<400> 7435

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<210> 7436
<211> 729
<212> DNA
<213> Aspergillus nidulans

<400> 7436

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<210> 7437

<211> 1342

<212> DNA

<213> *Aspergillus nidulans*

<400> 7437

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<210> 7438
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7438

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cccggtgcgt 790

<210> 7439
<211> 793
<212> DNA
<213> Aspergillus nidulans

<400> 7439

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cctgtccgac gcgtctcaac ggcgagcatt tcccggttcc ccgtcaaaat ctctccgccg 720
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<210> 7440
<211> 209
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7440

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agacccgcta taactctttt cteccctct 209

<210> 7441
<211> 898
<212> DNA
<213> Aspergillus nidulans

<400> 7441

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<210> 7442
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<212> DNA
<213> Aspergillus nidulans

<400> 7442

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<210> 7443
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 7443

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<211> 1217
<212> DNA
<213> Aspergillus nidulans

<400> 7444

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<210> 7446
 <211> 675
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7446

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<210> 7447
 <211> 417
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 <213> *Aspergillus nidulans*

<400> 7447

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<210> 7448

<211> 506

<212> DNA

<213> *Aspergillus nidulans*

<400> 7448

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<210> 7449

<211> 109

<212> DNA

<213> *Aspergillus nidulans*

<400> 7449

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<210> 7450
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 7450

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<210> 7451
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7451

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<210> 7452
 <211> 1163
 <212> DNA
 <213> Aspergillus nidulans

<400> 7452

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 <211> 684
 <212> DNA
 <213> Aspergillus nidulans

<400> 7453

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7454

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<210> 7455
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7455

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790

<210> 7456
<211> 760
<212> DNA
<213> Aspergillus nidulans

<400> 7456

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<210> 7457
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 7457

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 <211> 619
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7459
 <211> 893
 <212> DNA
 <213> Aspergillus nidulans

<400> 7459

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<210> 7460

<211> 471

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7460

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ccctttctca ctcatatata cgacatccga tagccccagc gactggatan aggtacgtcg 360

caacctccag gccagaccg aaaatccagc cggattagtt gataataagg gatttagggg 420
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<210> 7461
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 7461

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<210> 7462
 <211> 461
 <212> DNA
 <213> Aspergillus nidulans

<400> 7462

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<210> 7463
 <211> 582
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7463

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<210> 7464
 <211> 962
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7464

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 ctttggttc cagggggagg gcgtttatcg cgcctatagg tacatcagag gcgttgcaat 240
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<210> 7465
<211> 533
<212> DNA
<213> Aspergillus nidulans

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ccaaactccc tagccaaaac tgtcatcgac aagtaagggg tctcaaatac aggcagcgcg 480
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<210> 7466
<211> 1091
<212> DNA
<213> Aspergillus nidulans

<400> 7466
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ccttccgggg cttgttgccg acagacgtct aggtaatgaa agaggaagcg gaggccatct 180
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<210> 7467
<211> 730
<212> DNA
<213> *Aspergillus nidulans*

<400> 7467
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cgcgccagtc ggtgccaaat aggtcgcgca ttcgggaggt cgttaggtag tgtcggagcc 360

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gaggcgcata agctgggtggg tggccggtct caatagaggt tatcgtatta tcgtcattga 660
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<210> 7468
<211> 958
<212> DNA
<213> Aspergillus nidulans

<400> 7468

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gctgatgcta gccgagaacg tgagttccca tccttttgag ctgaactaga tggaggggct 720
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<210> 7469
 <211> 851
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7469

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<210> 7470
 <211> 1017
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7470

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<210> 7471
 <211> 853
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7471

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<210> 7472
 <211> 789
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7472

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<210> 7473
 <211> 1650
 <212> DNA
 <213> Aspergillus nidulans

<400>

7473

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<210> 7474
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 7474

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<210> 7475
 <211> 1047
 <212> DNA
 <213> Aspergillus nidulans

<400> 7475

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<210> 7476
 <211> 227
 <212> DNA
 <213> Aspergillus nidulans

<400> 7476
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<210> 7477
 <211> 1365
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7477

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 <211> 635
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7478

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<210> 7479
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7479

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<210> 7480
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7480

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<210> 7481
 <211> 888
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7481

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888

<210> 7482
<211> 964
<212> DNA
<213> *Aspergillus nidulans*

<400> 7482

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<210> 7483
<211> 423
<212> DNA
<213> *Aspergillus nidulans*

<400> 7483

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act 423

<210> 7484
<211> 1176
<212> DNA
<213> *Aspergillus nidulans*

<400> 7484

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<210> 7485
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7485

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<210> 7486
<211> 145
<212> DNA
<213> *Aspergillus nidulans*

<400> 7486

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aataagcgaa gcgtataggt gaggg 145

<210> 7487
<211> 471
<212> DNA
<213> *Aspergillus nidulans*

<400> 7487

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ccaggagcaa aggagggcaa ggccttgcca agttctggat tgtttttatg gtactgttaa 420
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<210> 7488
<211> 646
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7488

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<210> 7489
<211> 224
<212> DNA
<213> Aspergillus nidulans

<400> 7489

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<210> 7490

<211> 857
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 7492
<211> 759
<212> DNA
<213> Aspergillus nidulans

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<210> 7493
<211> 937
<212> DNA
<213> Aspergillus nidulans

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<210> 7494
<211> 474
<212> DNA
<213> Aspergillus nidulans

<400> 7494

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gacagcttga taggccacta ccgtacaggg tatcgagcga ttgattaaaa cagccattgt 180
cgacaaaacc ccttcggtct cctcggccgc cctcgtctcc tcatatcacc tccttcgat 240
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gcaatctacc ggtttccttg gatttgggtg cagctcacag gccacgcga tttcgcagtc 360
aaatttcag acccagatc acgcaattgg cctcctatat cagatgcgct cccatgaccg 420
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<210> 7495
<211> 346
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7495

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cccacagcac ggacaagacc ggaaccgaa ccgggcacag annaanngca aggcaagccg 180
ggccgccggc agggcnagcac gggcganacg acagcgcgaa ccgcagaaca ccagcacgag 240
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aggagnaggg gcgaacgcga naaagaggac ngcgaggaga caaagc 346

<210> 7496

<211> 615

<212> DNA

<213> Aspergillus nidulans

<400> 7496

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gtttacgtta gtggt 615

<210> 7497

<211> 738

<212> DNA

<213> Aspergillus nidulans

<400> 7497

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 atgacctccc cgatctcc 738

<210> 7498
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7498

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 cttgccaaact gcgttgagga tcgtccagtg cgaacatcgg tcggggcggt cggcttgtgc 240
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 cggttcttcc gtaagccggg gagctggatc cctcagatat ggctgggtgt gcacggtgaa 360
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tcctttccca tcggctgggc cggttccac agaacggggg gtctcatggc ctaagatgct 720
accacacagg gcgttagcag ttgcaaggga acttgcaccg catgctgtgt aatatttgag 780
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<210> 7499
<211> 225
<212> DNA
<213> Aspergillus nidulans

<400> 7499

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tcatggctgt ggcggcacga ccgtcataac gcggcttctc acctttcgcc atttgetctt 180
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<210> 7500
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 7500

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tgttgccgtt gcagaggaac tcaactcggc gattctaggt atgcctgctt ctttcctctt 180
cggattatac atagctgacg tcgacagtgt cactgggcaa gtcttcagca gcggccctag 240
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cggcgccggg cgggttcgag tattgaagca ttgcagactg tcatctgaga ctggcacctt 420
gatatatcat tattctcaac ctctttcatc tagctcgaa tctctctcg tatgcttgct 480
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<210> 7501
 <211> 450
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 7501

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agtgcgagtt gctaacgatac aaaacgagct ataacgacag ggaaggcagg aacaatgctt 180
gggttgggta gaccgaaaca acgcgccaca gttggggcaa cagatgggtct acgnatatgg 240
cgaccactac acacaaacgg ccgaccatac agagtttctg gcagaggggt caacggaggt 300
gcattagggc acaggcatgt tcgcgttaaa cgcggtttgt gaccagtagc cggcctgatt 360
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<210> 7502
 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7502

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cttacccttc agagcggtgg gcggctggaa ggcagtcgag agaaggacgt tgcgcaaaag 180
cagaccaaac gaataggaga agatttctat aagccggctt ccagagtatg aggcaggggc 240
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gaactattgg gtaggcggtc aggtcatta ctatcgagtc tcagagagac ttttctttcc 420
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<210> 7503

<211> 1038
 <212> DNA
 <213> Aspergillus nidulans

<400> 7503

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ttgaccgcaa gcatctgagg ggcctcattg accgcaaaca ctctgagacg ttggcgctgt   180
atcagggtca gtcccggttc atgctggagg atctaggcgc gtatctctct gagcgcaata   240
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<210> 7504
 <211> 713
 <212> DNA
 <213> Aspergillus nidulans

<400> 7504

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 tccactctcc cccgcttatg atggagaatc cgggggtgtg agctgcgtgg gtgataacta 300
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 gtctaggagg cctattttatt tgaaactggg ggactgctgc aagccttttt tgcagaaggg 660
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<210> 7505
 <211> 1025
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7505

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 ggthtgacacg gcacatagta tgggcttggt agttctctc gacgtgggtg acagccacgc 180
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<210> 7506
<211> 875
<212> DNA
<213> Aspergillus nidulans
<400> 7506

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ggtttaagat ttggcgcgac atggccaccg gtgctgcagt ttcctatgtg gtcagcagca 180
acaattacgt cgtcattcca ggcaatccgt tgtgcgacgc gaggcagtat ggtcgggtca 240
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<210> 7507
<211> 1193
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7507

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<210> 7508
 <211> 652
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7508

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tggttgctgc aggtggctct tctccttgaa ctcgattgct tttgtaacct ctcgatatac 180
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<210> 7509
 <211> 636
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7509

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 caaattctct atattctttc tttctttttc cttttacatc gcttattcct tttctctttt 480
 gtctcttact ctttttcgct gttttctttt ttttatcatc tctcatttta tctctttctt 540
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<210> 7510
 <211> 712
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7510

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aattcgtggt tttattggct aaattcttac tgttttgtaa tggatatttc tccgtggctt 180
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ttaatcattt cgattgtcat tcttcatgga ggtatctcag gaggctttaa attggctcta 360
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aggctaaggt acagttacca gaaaaagcga gtatactcaa ttgaaaatat acatagaaca 660
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<210> 7511

<211> 1084

<212> DNA

<213> *Aspergillus nidulans*

<400> 7511

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gcttgaactt ccagaatgcc gtgtttctga caatcataca catgctaaat cgcctcgtcg 180
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acagtacttt agttatggag tacatagccg tacaatatat attattgtat tcaagagctg 360
taagtcatag acatacgaag aatgcctgcc attgcctgtc gcaatggacg actatgcact 420
ttaaacggca ttataattga atctgtgcgc ttacatttac gaatcatggc aacaggactt 480
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gtggtatgtg aaatctatca agccatatcc tggcattgac aatgatctta ctggtattat 660
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<210> 7512
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7512
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<210> 7513
<211> 568
<212> DNA
<213> *Aspergillus nidulans*

<400> 7513

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<210> 7514
<211> 183
<212> DNA
<213> *Aspergillus nidulans*

<400> 7514

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<210> 7515
 <211> 786
 <212> DNA
 <213> Aspergillus nidulans

<400> 7515

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<210> 7516
 <211> 1012
 <212> DNA
 <213> Aspergillus nidulans

<400> 7516

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ctatttgagc acattgggtc aatcccatga ccacgcgaga atacgcgcga tcatctgagg  180
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<210> 7517
<211> 752
<212> DNA
<213> *Aspergillus nidulans*
<400> 7517

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<210> 7518
<211> 789
<212> DNA
<213> Aspergillus nidulans

<400> 7518

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<210> 7519
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 7519

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tattggccta ctggaagtat tataaaatgt agcttctcct ttaattgttt ttattccaac 180

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<210> 7520
<211> 786
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7521
<211> 215

<212> DNA
<213> Aspergillus nidulans

<400> 7521

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<210> 7522
<211> 489
<212> DNA
<213> Aspergillus nidulans

<400> 7522

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gatcggattt cccaacacgt ggcaagattt gaaccatgcg gacaatattc taccatgata 180
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<210> 7523
<211> 651
<212> DNA
<213> Aspergillus nidulans

<400> 7523

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<210> 7524
 <211> 351
 <212> DNA
 <213> Aspergillus nidulans

<400> 7524
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<210> 7525
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<210> 7526
 <211> 338
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7527
 <211> 1164
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7528
 <211> 899
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7528

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<210> 7529
<211> 792
<212> DNA
<213> *Aspergillus nidulans*

<400> 7529
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actattgact tcttgattag ctattgacca ctagtgagct gcgagcactg ggccggggaga 720
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792

<210> 7530
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7530

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<211> 240
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7531

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cgtgagcgtg cgnnggtgtg cgagagtggt ggagagtgac gcgtgagcgtg cgagagagc 180

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<210> 7532
<211> 1118
<212> DNA
<213> Aspergillus nidulans

<400> 7532

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<210> 7533
<211> 1005
<212> DNA
<213> Aspergillus nidulans

<400> 7533

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cactgctcca atatcaaaga aatgtgcagt ggtagtttgt gcaccggatt cgggcgggtg 960
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<210> 7534

<211> 786

<212> DNA

<213> *Aspergillus nidulans*

<400> 7534

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atacgcttaa tatcatgcgg tgagaatata taattgcgtg aaaccacata agaattattt 240
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 ttccgctctt tcacgcagct ctgcctctgc gcgacgcgct tgaagttgcg aatccgactc 720
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<210> 7535
 <211> 601
 <212> DNA
 <213> *Aspergillus nidulans*

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 tcttctagga agtggaacaa ggattatcca tgacatatga acagacttgg ccccgccat 180
 tcccacaata atgcaaaact cttctaagaa agttttgaga atgaaggatt ttgctaacca 240
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<210> 7536
 <211> 696
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7536

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<210> 7537

<211> 512

<212> DNA

<213> *Aspergillus nidulans*

<400> 7537

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cgggccgtcg gtagcgctg cctgatcctt gtcgtccctc caagggtgaa taatcgaaat 420
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<210> 7538

<211> 1050
 <212> DNA
 <213> Aspergillus nidulans

<400> 7538

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acctacgcct ggaaggtgca gtcctccatc acgtcctcaa ctgcggttcc aaaaaatggg 180
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ccaatccttc ctgtatcttt catcttgccg tgcccggaac agcttgaca tcccctgatc 1020
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<210> 7539
 <211> 1555
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7539

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atgtttgtct ttcttaccba ctaacaatga cctcttttta cacattatgc agcattctac 120
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taaggaagat ttatactttg accgaatgat aagctaacaa ccatgaagtt cagtttaagg 180
 acgcactagc tagttatgca actgtggctt gaccataaga tacattactc ctggatcatc 240
 tataagatga ccgtcagcta ccgtagtctg cctccacatt aatgtaatgg acaggccgaa 300
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<210> 7540
 <211> 627
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7540

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<210> 7541

<211> 719

<212> DNA

<213> *Aspergillus nidulans*

<400> 7541

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ggttctccgg gctcacacca gcaagaattt gttccgcgtt caagcctgtc gcttgcacca 180
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<210> 7542
<211> 1013
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7542

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<210> 7543
<211> 616
<212> DNA
<213> Aspergillus nidulans

<400> 7543

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<210> 7544
<211> 802
<212> DNA
<213> *Aspergillus nidulans*

<400> 7544

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<210> 7545
<211> 1525
<212> DNA
<213> Aspergillus nidulans

<400> 7545

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gtttttattc tgtggttaaa gcacgattta tcttgtttgc cctgtggtcc ccccgcaaa 240
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 <211> 727
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 7547
 <211> 217
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7547

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 cactggatgc catgggttacg ttgccttcca gcgacgtgga ggcttggccc ggtattgccc 180
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<210> 7548
 <211> 1034
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7548

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<210> 7549

<211> 208
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7549

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 gagggtgccg cagatggcgt ggtgaggt 208

<210> 7550
 <211> 954
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7550

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<210> 7551
 <211> 119
 <212> DNA
 <213> Aspergillus nidulans

<400> 7551

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<210> 7552
 <211> 773
 <212> DNA
 <213> Aspergillus nidulans

<400> 7552

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<210> 7553
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans

<400> 7553

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7555
 <211> 440
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7555

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 cgcgtctcac tgaagaagga tagcacacct agaacaagag atttagggcc agaaaagaaa 360
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<210> 7556
 <211> 136
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7556
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<210> 7557
 <211> 1236
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7557
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<210> 7558
 <211> 777
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7558
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<210> 7559
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7559

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gcagacggag a 131

<210> 7560
<211> 714
<212> DNA
<213> *Aspergillus nidulans*

<400> 7560

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7561

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 <211> 829
 <212> DNA
 <213> Aspergillus nidulans

<400> 7562

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<210> 7563
<211> 105
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7564
<211> 544
<212> DNA
<213> *Aspergillus nidulans*

<400> 7564
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<210> 7565
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 7565

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atttgagccg ggactgctga tgattgcctg ttaaataacg caccgcaggc ggcgagctg 540
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<210> 7566
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7566

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<210> 7567
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<400> 7567

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ttggcggaag aaggccgcgg gcagatgacg aaaacctgcg cttctctcgc ttcattttctc 180
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<210> 7568
 <211> 1061
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7568

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<210> 7569
 <211> 790
 <212> DNA
 <213> Aspergillus nidulans

<400> 7569
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<210> 7570
<211> 706
<212> DNA
<213> Aspergillus nidulans

<400> 7570

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<210> 7571
<211> 99
<212> DNA
<213> Aspergillus nidulans

<400> 7571

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<210> 7572
 <211> 244
 <212> DNA
 <213> Aspergillus nidulans

<400> 7572

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<210> 7573
 <211> 115
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7573

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<210> 7574
 <211> 560
 <212> DNA
 <213> Aspergillus nidulans

<400> 7574

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<210> 7575
<211> 528
<212> DNA
<213> *Aspergillus nidulans*

<400> 7575

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<210> 7576
<211> 1427
<212> DNA
<213> *Aspergillus nidulans*

<400> 7576

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<210> 7577
 <211> 531
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7577
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<210> 7578
<211> 599
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7578

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<210> 7579
<211> 1008
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7579

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<210> 7580
 <211> 779
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7580

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<210> 7581
<211> 295
<212> DNA
<213> Aspergillus nidulans

<400> 7581

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<210> 7582
<211> 2151
<212> DNA
<213> Aspergillus nidulans

<400> 7582

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<210> 7583
 <211> 120
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7583

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<210> 7584
<211> 1051
<212> DNA
<213> *Aspergillus nidulans*

<400> 7584

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ataacctaata accgggagtc actcacgtcg gaaatatgga tcaaggaaat cacgtcgaga 240
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agcccaagcg gttaaagagt ggttatcgca tcatcttggg tgactttcat atctttcgat 420
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aggcttcaga tttggactgg gattcaagca gagctgattc tccaatgggt ttccaacgtg 600
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<210> 7585
<211> 913
<212> DNA
<213> *Aspergillus nidulans*

<400> 7585

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tgagagacagc catttttctg gccaaaatgt tcgtggcata cgtaaaactat tgctgctggt 480
gcacaaatgg gaaccattgt attctttgga tcgatatttt tcagtgccga attggatgag 540
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gagaaaggta agccactct gagtaacctt cataggcaga tctccgagtt ccacgagtat 660
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catagcacgg gtgagtaatg ggccgcttg tttgtaaaga cattgatggg cgcaagccct 840
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gggagagtaa aga 913

<210> 7586

<211> 1006

<212> DNA

<213> *Aspergillus nidulans*

<400> 7586

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caacatgctt tcgggcaacc gtctcaaaag tcctatggat ctcccgaga tccacggcct 180
ggcagagcgc gtatatatgg ctgaccgcca tgagcgagaa cacctccact gcacccgag 240
cataccgtgc cccaatcaag gccagcgagt tgacaacctg gttattcacg tccgctgatt 300
gcacaaagtt gctgactgga ttattgaggt acccaagctc agacatgtaa gacgccatgt 360

tgatatcgac gcctttcaag gcgaacgaca acgaggggtc atcggcacac aagttcgggg 420
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 gaattgagct cgatggccac ttgggcttgc gccaggccat gttctcgaca tgcgggccta 660
 tccattgtga ggccgtgccg agggggtaac gatctgggcg aggttcttgt cgaaggtgaa 720
 tgtcatgaac ggtcgttatt gggaatcgga taggaaacga aatattgggg gtcttctttt 780
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<210> 7587
 <211> 1032
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7587

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 agggtagcat cactaaaccg ggttacctgg actgtaattt gtggccggtc cgtctcgaga 180
 agctcctgca tgttttgcac gccgttgaac gccgtgcagc gcttttcgtc ctctggatct 240
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 tgatactcca ggccggacgg tgcagtccta gagcggcgga cgcgcgctg caggataggc 480
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 gcgacaagac tgggtgcgagc ctaataaatc agtaaccatc ttaccctaaa atgaacctgg 600
 cagtctacgc acaataatgt cggtagtggg gagagcaaga ttagtacttt tttagcatct 660
 tataaaaggc cacaactta cttccaacc gtagagacca aaaacgtgag ggggacaggg 720

gcatattcgt tggccttcac cttgaagccc gtactatttc tgccttattc ggtatggatg 780
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 acgacacggg ggggtgtgcg gatcgaatca accttagtgg cgatacatag ttgaaggaca 960
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<210> 7588
 <211> 223
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7588

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 ctcaagggga taccatagc cacatctgtc gaagaacata tngagtgtgt ttccacgctt 120
 ccgtgagaan acanggaggc gtactctgag nagaaagtgg attgcttaat ggaatcgaat 180
 gcgagtgggc taaacgcgac aggcccgacg ctgccgcac cat 223

<210> 7589
 <211> 102
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7589

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 tcgtgaccag ttcaatttga cactccctct aaaaccgctg tt 102

<210> 7590
 <211> 1271
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7590

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cggcggcccg cctagacgga ttataccaac cggcctttcc tccccctctt tatattatat 180
 ttaacttatt acgctcattg caggcttctt ctgggacat ctaggttgca gtcgagtctt 240
 ttcgatgggg catcagttcg aatggctcca acatgtatat ggtaattttc caagttgaag 300
 caatagtgcc aggtcagata ctgctggacg ccggaccatc gctgctatct tatccattga 360
 tccccgtatt ctattagtag cttctcccag cacctttcca gacagtctaa cagaagcaaa 420
 gtctcaactc gcaccgtacg tattctgcac agaattctgg tcagctgtct ccgttccttt 480
 gaatcgtatc tcgtcctggg attccactgg cttctcctag gcaaactcgac agctacgtct 540
 tcgctcatca actagacaaa taattaggga gcgtgttatt ctctgcatgg taagggtgctt 600
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<210> 7591
 <211> 527
 <212> DNA
 <213> Aspergillus nidulans

<400> 7591

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 attgggaaag tgatctccac tgtgcggcag accagcccca aggtttatcg ctcatatttg 180

actctcactt ttgattttga tttttttttt ttataatata tttttactta tttgcctttg 240
 ctggaagtca acatgaaagg ctgaattatg gagctcgctg cttccgacag cggtcctttt 300
 ccatggttgg gacggtctgg agccgtgtcg cattggactt tggagagaag aggatcgggg 360
 ctgagcctaa gcctcctgtc tctctcaggc aggccgtgc aacccttccg caaaggggtt 420
 ccaatccatt cccagaggca gcctggggct gtgaaattag attcggatat acttgtgggt 480
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<210> 7592
 <211> 617
 <212> DNA
 <213> Aspergillus nidulans

<400> 7592

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 gcccacacag cgatatctcc ctgcgaaga tacagcctgc ttcttccgca gcagagaaga 480
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<210> 7593
 <211> 1026
 <212> DNA
 <213> Aspergillus nidulans

<400> 7593

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cccgcagaat ctgcttctctg acgttttctt ttgcgtcgac cctaataatc tagcagcggt 180
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 caaagtcgac gtagacttcg gagctgcgtt cagggaaga cccttgacgt ttttacgctt 480
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 acttaggact tcctagtgtg ttggtggagt tggcgagaga tagagggaag tggaaaacac 960
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 cagagc 1026

<210> 7594
 <211> 989
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7594

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 tcttcggaca cctttcactg gcttgggtga tctactocca tgtagcagca ggccgctcat 180
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<210> 7595
<211> 759
<212> DNA
<213> *Aspergillus nidulans*

<400> 7595

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gccagtaaac tggatatttg agcacagggt gtcggctaag ggaggcaaga tcacgatttg 660
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<210> 7596
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7596

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 gcacaaacca tccttagctc aaatcgtaca tcgagctacc tttccgcgcc acgcaccagc 180
 gaccagcaa catttgccgc gcatatcgct ctcaacctgg ttccagaggt tcgcatcgaa 240
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 tcatacggcc cccatcgcat gaggttaagc cgatttcctt ggcatcgcaa gctattcagg 360
 gtatttgatg agcttgggtt gaccgaagct gaaatcagtt ccctatgtcg ttgggaaggg 420
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 gacggccccg 550

<210> 7597
 <211> 826
 <212> DNA
 <213> Aspergillus nidulans

<400> 7597

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 tttcgagacg agaaggcatg actcgcataa gccagcgttg atgatccgga gcaggatgct 180
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ttgcagaggg cgcacacgtc agtaagaccc tggtcgatat cccgccatcg cggctcgcca 600
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attgcaggga tatcaatccc cgcaggtcca tctgcactc aaccatggat tgcaatggcc 720
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tcgtaaagca gtatgagtgg tgaattcggt cttagagtac cggata 826

<210> 7598
<211> 470
<212> DNA
<213> Aspergillus nidulans

<400> 7598

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aatagtccgg cagcatcatg aatgcccggg taaagtactc tgcaccgggt ggagtcgtcc 180
cgcagctctt ctctccaata aacgcctttc ccagggccat gatggccaaa aagtgtataa 240
accatacgtt ttccgtgtag aggttacgat caggagcctc ataaaactgg tggagttgag 300
acataaagcg gtcctcatcg aagaggtgaa acatctggcc tgtacgaaat ttggtcgcat 360
tgatcaagaa tagagcatga tccagtgcg gaagccacgg atattggcta cgatcgcgct 420
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<210> 7599
<211> 924
<212> DNA
<213> Aspergillus nidulans

<400> 7599

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aaagtcgtgc ttgtccttgc tctctttgag catcgagcgg acatcagggt agactttgtc 180
tgagaagaga ccaaccaccg gttgtgtctc atcatctggc tcaacatctt cccacccctc 240
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gcgttctgca gcggagggag cggacatggc gactactgcg ggggaaaaaa cccagtctga 360

ggaaccgcga cgcttaatta gtccagcaat agattccgtc gttcagcgcg acggtctaag 420
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 ctccggctgg gcgggttgag ttttgttga tttgtttaca ccactacggt ccggttactg 600
 ataaggaacc cggagatcgg gccagcggc tcccccgcca acaagcgcg gcttccaagc 660
 aacaaagcat caagccattc gagatacatc tcacctcaa tatactacc tccctgaaga 720
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 ccttcacgcc aatttctttc cttttctttc agctgtgcta ttgataagat aaacaagaat 840
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 ggacctgctg ctgagactcc gtga 924

<210> 7600
 <211> 797
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7600

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 atccatcaga aatctggtag ctttgtctcc tccccaccag ccggaaagcc gagggcgaaa 180
 taattccagt tccccgtcgc cttgacctgc cttcacctct ccatgttttt catgcacgaa 240
 tatccccggc attccgcctg ggccactatt gaggtactta tagttgcacc acgcagcgaa 300
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 gcctgtgtag tactggatag cagagagaag aagtaaagcc gtagttgaag catgctcgtc 480
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 ctgaggagag tcaattagtc catgttcgac tgcacagtca agagacatac atggtcactg 660
 ggaaaagctt tcccttcgat gatgatctta tatctctcag tagttggctg gtagaactag 720
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797

<210> 7601
<211> 902
<212> DNA
<213> *Aspergillus nidulans*

<400> 7601

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<210> 7602
<211> 901
<212> DNA
<213> *Aspergillus nidulans*

<400> 7602

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<210> 7603
 <211> 593
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7603

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<210> 7604
<211> 181
<212> DNA
<213> Aspergillus nidulans

<400> 7604

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caaccgtgcc attacccttg gaaaaacttg gtgggtgcccc cggccccctc tgggttgcc 180
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<210> 7605
<211> 562
<212> DNA
<213> Aspergillus nidulans

<400> 7605

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<210> 7606
<211> 513
<212> DNA
<213> Aspergillus nidulans

<400> 7606

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 tggcaatctc acacatggca acccctagat cagcatagct cagacaaatc gcctgcctct 180
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 <213> *Aspergillus nidulans*

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<210> 7608
 <211> 151
 <212> DNA
 <213> Aspergillus nidulans

<400> 7608

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 gtggaagtct ttcttcaggt ggatcagggt t 151

<210> 7609
 <211> 791
 <212> DNA
 <213> Aspergillus nidulans

<400> 7609

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<210> 7610
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans

<400> 7610

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<210> 7611

<211> 593

<212> DNA

<213> *Aspergillus nidulans*

<400> 7611

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tggttcgcat cagcagctcg agaacagcgg agactgataa acacggacag gtgtagctct 180
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gtcgatggag gtacgggttc ggaaagcgac gcggagtcca aattgaaatt cattcgagac 480
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<210> 7612

<211> 99

<212> DNA
 <213> Aspergillus nidulans

<400> 7612

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 actgaagatg acgcataccg agtgacgatg cgtcgtaca 99

<210> 7613
 <211> 971
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7613

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 aaatgtcaaa attactgtaa tccagatctg ttagccatct gcaccacaa gtattagaac 180
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 cgattggtag acggccccgg cttgcgcagg acaacgagca gctttgccga tcttctgcgg 900
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 agcggtgaca t 971

<210> 7614

<211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 7614

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<210> 7615
 <211> 842
 <212> DNA
 <213> Aspergillus nidulans

<400> 7615

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<210> 7616
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 7616
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<210> 7617
<211> 234
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7617

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<210> 7618
 <211> 831
 <212> DNA
 <213> Aspergillus nidulans

<400> 7618

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 <213> Aspergillus nidulans

<400> 7619

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<210> 7620
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 <212> DNA
 <213> *Aspergillus nidulans*

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 ccacttcggt cctggattga gcagatagag aatcctccgc tcgcgagcac tggattacaa 780
 gctatgagaa tctacttcca ggtggaggag accgacaagg ataaggaggc aggccttggg 840
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<210> 7621
 <211> 674
 <212> DNA
 <213> Aspergillus nidulans

<400> 7621

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agaactgatt ccccttctta aatgatagac tggcaacatc ctcaaacagc atgtatccca  180
tatcaaaaca agtgccggcc atattcactc ggccaactcc caattgagca gaacgtcaag  240
aaatcatgcc aacgcttcgt cgaagctttc ccaccctgt ctcagactca gagttcagcc  300
ggtgactgcc aagttgcgaa ggaatcgaat gcttgtttct caccagccaa tcaccatccg  360
catctagcca ggtgggctgc gccctgggac tgttcgctt ggactacgga cggccaccgc  420
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tgtgattgtg ggcccgcagc gctggaatca ttgccgattg gtatagatat atgaaattgt  540
gtggggcgat tctgaatcct tattccaaag tggacactgc tgtgccctat cagcagacga  600
ccatcccgat gtgacagtcg ttttcgacct gcaattagta gcgaaaatga cgtttttgaa  660
gcacatacac acga                                                         674
  
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<210> 7622
 <211> 551
 <212> DNA
 <213> Aspergillus nidulans

<400> 7622

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tcgatatttt gcattcataa accttgtaaa acgtgtacct gtcacggcag ggtgacaggt  180
atgcttgacg tgtagtgaca gaaatgaact ggagtagcta aatcatcagc tcatcatcag  240
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cacttaactc ctaaggggct ctttgaggac tttgttccag attcgaaaat ccgcttaaga  420
ccactatctt tcgttttcct atccttgacc ttcgctagcg cactctttgc ctctcgtttg  480
  
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gtcgtctatg t 551

<210> 7623
<211> 125
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7623

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tgctt 125

<210> 7624
<211> 732
<212> DNA
<213> Aspergillus nidulans

<400> 7624

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gacaaggga gggaaagaac acgaggcact caagtcagcc ctcacgttga aaggtgattt 120
atcgccgga ctggattgct tggacttaga cggctaagag cagaatgggg cttggcggcc 180
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ccttcacttg tcagaaatca tgcgggtgc ttcgctggag ccaccgacct acctcagctc 360
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catcacagac gatcacttga agaagattaa ggctgtagac aaggtccgca aggaacaacg 480
gcgtcagaca atcgatgggg atatccggg atacgtgacc ttgctggcgg gaggttcaag 540
cggaagagt gtcctcgaat cggccgcaag gagaagcgat attgtacagt atattcttgt 600
cctggcagca gatcttataa acggtatgcc actgccaacg cctgactgat aagcaacaac 660
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accatacaaa cc 732

<210> 7625
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7625

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 gtgctttccc agtagtgcca acgcctctc acttttccct acattctgca gcaactgtgcc 180
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 aacttgggcg cggagcttaa ggatgcgtgc ggggagggcg ttctcagggg agaaagagga 420
 tgtgttgaag tctatgacgg attggtattg gccttggtgg aaggcgttgt ggatgttgat 480
 gagttctaga gtcgagggag ttagtgaggg gaacggggaa aggggtttta agtgataaag 540
 tgatgggaag agtgctgcgt accgccttct gcagagaatg gatccattgt gacaatgggc 600
 tgtttagttc ttttaattgt gaatag 626

<210> 7626
 <211> 558
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7626

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 agttcctctg gtcgagcgag gtctataacg acgatgtgcc ctactggttg gacttgccat 180
 gggaggaaaa gttgccggag agtgagcgga aggggatgct gctgatcccg tataatgtat 240
 gtcccttccc ttacctttcg caccctccat atgagcgagc tgcgtaacgc tgtatgctaa 300
 ctgttcttca atgcgcagta tgattgcaac gatggcaa atccacatgtc gcccggttc 360
 ggtagcagcg tggcggagtc gtacgaacag tatctaaaga acacgtttga catgctgtac 420
 cgcgagggag gcaagctgat gaacatccca ttgcatacgc gcatcattgg gaagcctgga 480

cgatgcgagg cagtgagaaa gtatcatgctg tatattgctg agaaggaagg tgtctggggtt 540
aaaccagacg cgatattg 558

<210> 7627
<211> 1063
<212> DNA
<213> Aspergillus nidulans
<400> 7627

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acatggattt gagtccctta gtcagttgt cttaaggcta gggggcggca agaggcacgg 180
agcttatggg accaaaattt gtcattgtgt caagctgtgg gggctctttg ttatctgagg 240
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gagttggcgt cgccagtcac ctgaaattaa gtctttggcg gctttacttg ttatcaagat 360
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tgtagtgcac tacgagtcta ggtgcatgca agcctgcagc tggccatcca tcttgggatt 480
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ccaccgcgac gactaagatt cgacctgcga actcggcaat catgctgaag gctagcaaag 600
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<210> 7628
<211> 954
<212> DNA
<213> Aspergillus nidulans

<400> 7628

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cgccactgat gcagatgcat ctcacccagt taaacaaaa agcaaataag atccaccgaa 180
cgccattagt gtctaaaaaa agacgggtct cgtcagagca agcacagagg cagatattgt 240
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<210> 7629

<211> 584

<212> DNA

<213> *Aspergillus nidulans*

<400> 7629

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gaggacgttg aatcggcggt ccattctgcg gggagggatg aactgtcgga cgagccttct 180
gcgaaacatc aatcgttaga aaggccagaa gcgcgttgat tatacgtacc tatggtatga 240
tcttcaccaa ggccaactaa tctgaaacca acagcgacca tacaagcgtg gctgatgaga 300
gcgacagctt cgtagggagt attgaggctg aactcagatc tgtcgtcagg acggagagct 360

cgagccgccca gccccaccac attggtgggg ctcaaagagt ctgtgtttcc gaccatgttg 420
 ggtctgttcg gtatttgaat ggttgtacaa tttcagaaga agacagagat gttttggtgt 480
 ttcaacgcag aagatgtagg gagaatcgtc gcaaatacagt ctggataagt attgaatggt 540
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<210> 7630
 <211> 166
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7630

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 tcgggtctag gctcatact acgatctgat anactganac atgggtccacn cttatgtcng 120
 ggccgtctct ctcttcttaa ccactgtcgt cacttccgct cagaag 166

<210> 7631
 <211> 1159
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7631

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 cgatactttg gccctgcctc gcatttcact cacctcgtct aacatcagat cgaagtctac 180
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 gggtatccga aaggcttatt ccagcatgtg atgtgtctac ttttcctaca cgacaaaaag 720

cgtgcgcagc agcctagact aacatcatat gtaacggtag tgggtggtggc cgtaggacag 780
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<210> 7632
 <211> 803
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7632

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 aagtacggca agcacaatcc tgggtctacct aggggtgttca atcgcgacct gggcccgatt 180
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 gaagcagaat taatcgtgag gcccatccag acgctgcctc gtgtggcacg tcgaccgtat 360
 taccgtgct gcagggatat atgggtaccta aggtccatag taaatgaata aggtattcgg 420
 acaatgtctg gctagacgct atccacactt acggacggaa aatacttgag agtcagagag 480
 ctcaaatttt gtacccttag agaagcgctt tacattgcgt gctagaacct aaggtttttg 540
 gaatgtttta actgactcag gactatggct ctctgaacga aggtttgaac tagcctagca 600
 ttataaaaat cagcccgata ggaggaagag cggacgcagg cgttttattct gattggctga 660
 tcataaccta gggcaagcgc tagtaccaaa cagatttgag cccccaagc taatactata 720
 ctgaactata tctggtgacc acgtttcggt gtccggagtt ctggctagtt ttattggctt 780
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<210> 7633
 <211> 191
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 7633

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 ctgcgctcac tcaggccgct gctcacgct cgtcgctgta caccctttcg gccacttga 180
 gtagaggac t 191

<210> 7634
 <211> 757
 <212> DNA
 <213> Aspergillus nidulans

 <400> 7634

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 acaggagcga tgcctcagca tcagcagaca actagtgaga aagccgacct aattgttcca 180
 tactctaaat cataatattc ataaattctt ctctattag gataacgggc cccctccaat 240
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 ccaggagagc acccgtaacc aagaccaaga tgccaccatg ctcaccggag ggctgagcat 480
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 tagtggtttg gaagggacga aaatctaagc cgaaacagcc aactgtgact gcagcaggac 600
 tgagatagaa ggaggatgcg tgcggggcct actcacagtg agcttctcaa tgataccagc 660
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 caaacgagac agtggtgctg tatgatgagg aagtggg 757

<210> 7635
 <211> 726
 <212> DNA

<213> Aspergillus nidulans

<400> 7635

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tctttcgaca tcgccctcga ttctctaccc tctcaacgcg ttgtggetgc gcttcttcaa 180
tagctaacaa aatttgcttc cggttgacag gttcgcgcgg ctgttcccg cccctctct 240
gctgcttcta agcaggtccg tacctatgct gctgaggcca aggcctcgcc caccgaggtt 300
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tttgaacgct gcgactaata ttgaaatagg ttgcctctg gtgttaaggg tatgtgcatg 660
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<210> 7636

<211> 847

<212> DNA

<213> Aspergillus nidulans

<400> 7636

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<210> 7637
<211> 519
<212> DNA
<213> Aspergillus nidulans

<400> 7637
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ttgtgtctat cctgtgtcg taagcttcgt agatgattat ctctgtctga gaggatgtat 180
tggcctgggg gagatgcttt ttgagttgga gatatactgc gcacgcagag atgccgcctc 240
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ctgagttgtg ctgcctggaa gtctggtcct cgtgacgtgc ctcgatttcc acggtatcct 420
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<210> 7638
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 7638
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caggtgttag ggtctattga agcgtgggag tctggcacia tccccgaaa ggcttgaag 180

aacgcgaaag ataacaagtg tacctacata ttgctttgat tgctctgtgg ttggagtgac 240
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 aatcatccgt tcagcatctg tatgaccgag agaccacagt catataatga gatgcagcaa 360
 caggagaata ctcatgtacg ggtaggtatt ccatggattg tcgcccgttc aactgggggtt 420
 agaatattta agcttcaccc catgaggaat gtcaaaggac attactcgcc ttactatgcg 480
 cctacccgac gtagacggtc gtcgcgttgc tgtagccgaa ttgatatctc tcatgccaag 540
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<210> 7639
 <211> 1120
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7639
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 agcagtttcc tctaattgta tcaccctgaa ccaagacagg ttcttggggt gaagatgacg 180
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 gctaatacc acgccttggc cccatttggg gaagatatat aaattgtagg tagttgtcac 360
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 <213> *Aspergillus nidulans*

<400> 7640

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<400> 7641

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 <213> Aspergillus nidulans

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 acgatcaa 188

<210> 7645
 <211> 906
 <212> DNA
 <213> Aspergillus nidulans

<400> 7645

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 <223> unsure at all n locations
 <400> 7646

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 <213> *Aspergillus nidulans*

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<210> 7649
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans
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<210> 7650
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<212> DNA
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<213> Aspergillus nidulans

<400> 7651

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<400> 7652

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
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<400> 7656

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<210> 7657
<211> 557
<212> DNA
<213> Aspergillus nidulans

<400> 7657

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557

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<400> 7658

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<210> 7659
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<212> DNA
<213> Aspergillus nidulans

<400> 7659

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<210> 7661
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<212> DNA
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<400> 7661

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<210> 7662
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<212> DNA
 <213> Aspergillus nidulans
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<212> DNA
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<400> 7663

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<212> DNA
<213> Aspergillus nidulans

<400> 7664

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<210> 7665
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<212> DNA
<213> Aspergillus nidulans
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<210> 7666
<211> 138

<212> DNA
<213> Aspergillus nidulans

<400> 7666

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<210> 7667
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 7667

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<212> DNA
<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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 gaagacactg gcttcttta caacctccag gcataactcc caggttgact cgaccctca 780
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<210> 7672
 <211> 824
 <212> DNA
 <213> Aspergillus nidulans

<400> 7672

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gatagtacaa gagtttgtac aagcgtcagt acgaggggta gtacgagatt tagtacgaga 240
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agcgagaacc ccgtctgcaa tggtcgaggg gcgccgggtg gacgactcgg ggacgtacga 720
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<210> 7673

<211> 537

<212> DNA

<213> *Aspergillus nidulans*

<400> 7673

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gagatccgc gtcgcgctac gccaacccagc gccacactat ggaatgaagc caaatcacac 480

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<210> 7674
<211> 800
<212> DNA
<213> *Aspergillus nidulans*

<400> 7674

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atcacgatga tgaatctaaa atagtctccg aattcaaggg aacaacactt ccagacaagt 720
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<210> 7675
<211> 410
<212> DNA
<213> *Aspergillus nidulans*

<400> 7675

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gagctcgcg cgtgtctatt tcgtccagaa agcatgtgga tttctcgctc ggtatgcgag 180
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gcgtagagtc atctcgccaa cgaaactcag gctctcgac caacctcact gtgccgacta 360
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<210> 7676
<211> 973
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7676

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gacgatctgg tgttggggac tggacgcgcg agtcaaaagg gattgctttg tatagcattt 780
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<210> 7677
<211> 844
<212> DNA
<213> Aspergillus nidulans

<400> 7677

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<210> 7678

<211> 109

<212> DNA

<213> *Aspergillus nidulans*

<400> 7678

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<210> 7679

<211> 1123

<212> DNA

<213> *Aspergillus nidulans*

<400> 7679

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 gcgatcttgg gaaagatgcc ttggtatgtc ggtccagcga gtacctggtg ttggttgccg 240
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<210> 7680
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7680

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 tacttgagat ggatatgcac gcaggatgtc aagttcaagt aggagacttc 110

<210> 7681
 <211> 784
 <212> DNA
 <213> Aspergillus nidulans

<400> 7681

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aacatctgcc tccatagagt atcttcattc cagatacaag actcaggagg gactcggagg 180

atgcagggcc gccaaagccg cgagacgagc taggtctctc cccgcatttc accccgcaat 240

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<210> 7682

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<400> 7682

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ggctcgggtg cggtcagata tcaggtcagg gcaggtaatg gggggatgga attggagggt 180

ggaaaaattc cagatttgga cgcgctggct ggaatgtgaa aaagattgtg tgtgcgggtg 240

cataaattgt attacataaa aatgaataat gcagggccag accggtcggg atagacagca 300

ttgaggccga tcgtgatgcc gaccagcgca gaccgaagc tcgccgggcc cccggaactg 360

ggactttgaa actgagactt ggactaactg agactggaac ttttggcact attttggttt 420

ttctggaatg cccagcctc cccacgcca cggcttcac ggcactggcc agtcacctc 480

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487

<210> 7683
<211> 1377
<212> DNA
<213> *Aspergillus nidulans*

<400> 7683

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<210> 7684

<211> 1497

<212> DNA

<213> *Aspergillus nidulans*

<400> 7684

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gaacaccacc aaggtcatta gagcgattct ggacaggaga tgtggccatc ccattgcctt 720

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<210> 7685
<211> 866
<212> DNA
<213> *Aspergillus nidulans*

<400> 7685

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<210> 7686
<211> 1222
<212> DNA
<213> *Aspergillus nidulans*

<400> 7686

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<210> 7687
 <211> 419
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7687

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caatctgccg cagcacacgc ttgccctaac ggcatatgtg attctcgcca cccagtcga 360
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<210> 7688
<211> 764
<212> DNA
<213> *Aspergillus nidulans*

<400> 7688

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<210> 7689
<211> 1276
<212> DNA
<213> *Aspergillus nidulans*

<400> 7689

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<210> 7690
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7690

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 aatgtcacag tggtaaaccga atccttttct tctcctgctc ccttctcgtt gtcgtccttg 180

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<210> 7691
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7691

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 ttcgagggcg ggaaggggtc tgggggttct ggcggtgcca tagtctcccg tccgagtgtc 180
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<210> 7692
 <211> 1989
 <212> DNA
 <213> *Aspergillus nidulans*

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 aacgcctgag actgtgaccc ggccggcgctg cagcaaggat tggccgatca tcctcggggc 180
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<210> 7693
<211> 483
<212> DNA
<213> Aspergillus nidulans
<400> 7693

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<213> *Aspergillus nidulans*

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<210> 7695
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7695

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 ttccccatt acacatcttt tctctcatat actggattac tctgtagaaa tcagctgcca 360
 ttaatcgtag aattagacgt caaatattcc atatatgcac aacagcagac ctgagcgctct 420
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 gatcagcata tgtaaattgt tcaaactaac ag 512

<210> 7696
 <211> 1350
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7696

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 aaatcgtgat taactcattc atcaaccaga gagcgataga gattaaagag cgcggccaga 180
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<210> 7697
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7697

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<210> 7698
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7698

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<210> 7699
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7699

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<213> *Aspergillus nidulans*
<400> 7700

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<210> 7701
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<212> DNA
<213> *Aspergillus nidulans*
<400> 7701

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<210> 7702
 <211> 1471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7702

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<210> 7703
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7703

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<210> 7704
<211> 516
<212> DNA
<213> Aspergillus nidulans

<400> 7704

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<210> 7705
<211> 925
<212> DNA
<213> Aspergillus nidulans

<400> 7705

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<210> 7706
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7706
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<210> 7707
 <211> 540
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7707

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<210> 7708
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7708

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7709

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7710

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<210> 7711
<211> 707
<212> DNA
<213> Aspergillus nidulans

<400> 7711

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<211> 1242
<212> DNA
<213> Aspergillus nidulans

<400> 7712

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<210> 7713
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7713

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<210> 7714
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 <213> *Aspergillus nidulans*

<400> 7714

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<210> 7715
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7715

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<210> 7716
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7716

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 <211> 183
 <212> DNA
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 ccg 183

<210> 7718
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7719
 <211> 557
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7719

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agactccgtc cttgatg 557

<210> 7720

<211> 220

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7720

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<210> 7721

<211> 834

<212> DNA

<213> *Aspergillus nidulans*

<400> 7721

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 <212> DNA
 <213> *Aspergillus nidulans*

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 tataatatta attactctga taataacagt aagatat 217

<210> 7723
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7724
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 7724

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 atgaataaat tataactata atgcaatgcg gggcgttca 699

<210> 7725
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 7725

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<210> 7726
<211> 1170
<212> DNA
<213> Aspergillus nidulans

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<210> 7727
 <211> 1428
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7727

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<210> 7728
<211> 567
<212> DNA
<213> Aspergillus nidulans

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<210> 7729
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<212> DNA
<213> Aspergillus nidulans

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<210> 7730
 <211> 1135
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7730

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<210> 7731
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7731

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<210> 7732
<211> 633
<212> DNA
<213> *Aspergillus nidulans*

<400> 7732

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<210> 7733
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7733

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<210> 7734
<211> 540
<212> DNA
<213> *Aspergillus nidulans*

<400> 7734

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7735

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<400> 7738

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<400> 7739

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<400> 7740

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<210> 7741

<211> 541

<212> DNA

<213> *Aspergillus nidulans*

<400> 7741

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 <213> Aspergillus nidulans

<400> 7742

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 <213> *Aspergillus nidulans*

<400> 7744

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1174

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<213> Aspergillus nidulans

<400> 7750

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7751

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<210> 7752
 <211> 1446
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7752

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<210> 7753
 <211> 921
 <212> DNA
 <213> Aspergillus nidulans

<400> 7753

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<210> 7754

<211> 131

<212> DNA

<213> *Aspergillus nidulans*

<400> 7754

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<210> 7755

<211> 676

<212> DNA

<213> *Aspergillus nidulans*

<400> 7755

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<210> 7756

<211> 679

<212> DNA

<213> *Aspergillus nidulans*

<400> 7756

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<210> 7757
 <211> 633
 <212> DNA
 <213> Aspergillus nidulans

<400> 7757

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 ccctgaatca gcccaaatca ctaagcttcg tttatctcag aaccctagat aacttatctt 240
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<210> 7758
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 7758

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7759

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<210> 7760
<211> 813
<212> DNA
<213> Aspergillus nidulans

<400> 7760

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<210> 7761
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<212> DNA
<213> Aspergillus nidulans

<400> 7761

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<210> 7762
 <211> 884
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7762

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<210> 7763
<211> 1266
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7763

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7768

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<400> 7769

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*

<400> 7774

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<213> Aspergillus nidulans
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<211> 625

<212> DNA

<213> *Aspergillus nidulans*

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<210> 7781

<211> 512

<212> DNA

<213> Aspergillus nidulans

<400> 7781

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<210> 7782

<211> 510

<212> DNA

<213> Aspergillus nidulans

<400> 7782

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<210> 7783

<211> 542

<212> DNA

<213> Aspergillus nidulans

<400> 7783

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<210> 7784

<211> 1074

<212> DNA

<213> *Aspergillus nidulans*

<400> 7784

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<210> 7785
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 766
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7787
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<212> DNA
<213> Aspergillus nidulans
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<211> 566
<212> DNA
<213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*

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<210> 7790
 <211> 702
 <212> DNA
 <213> Aspergillus nidulans

<400> 7790

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<210> 7791
 <211> 1275
 <212> DNA
 <213> Aspergillus nidulans

<400> 7791

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 <213> *Aspergillus nidulans*
 <400> 7792

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<210> 7793
<211> 528
<212> DNA
<213> *Aspergillus nidulans*

<400> 7793

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<210> 7794
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7794

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7795

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<210> 7796
<211> 416
<212> DNA
<213> *Aspergillus nidulans*

<400> 7796

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<210> 7797
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7797

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<211> 819
<212> DNA
<213> *Aspergillus nidulans*

<400> 7798

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 <400> 7799

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<400> 7801

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<400> 7802

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<400> 7803

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<400> 7806

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<212> DNA
<213> Aspergillus nidulans

<400> 7808

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7811

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 <213> *Aspergillus nidulans*

<400> 7812

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<400> 7813

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 ttatagtggg agaaaactca cgctgacca gtgcgggact ggcggtcacg acgggcaggg 420
 cgtccaccac ggtcatatcg gacattggac tccttgccg cctcatcaac aggttctca 480
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<210> 7814
<211> 1052
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7814

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cgagtgttca gcagtgatct tcctggagat tagatattga tagcgaaacg tacaatacac 720
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<210> 7815
<211> 164
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7815

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tttagcagag ntnatcaagc cggatatttat gttacctact cttt 164

<210> 7816
<211> 598
<212> DNA
<213> *Aspergillus nidulans*

<400> 7816

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tgaagacaga ctattccacg tctatcaaca aagatgatga tcggaggagg ctcatggagg 180
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gttatcttgc ttgcctata tctctatcgc ttctcgatgt gcctgacatg gattacttcc 420
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<210> 7817
<211> 924
<212> DNA
<213> *Aspergillus nidulans*

<400> 7817

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ttgtagtgtt ttgctcaacc tctttccata attagtggta aattgtagtc tttctgtaac 180
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ttgtcgacgt ttacgccgat gtcgttaaaa gctgtcattt gaggaagtct tgtccgtcta 300

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 cattctccct atatcttgat gacctcttgc accttctac ctttatcgac aaccaatcga 600
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 tcagtaagct tactccatct gtaacgggag tgaaaaaaca tacagccgtc gacaaagcgg 780
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<210> 7818
 <211> 240
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7818

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 agtcnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
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<210> 7819
 <211> 1018
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7819

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tgcagctcag ccgatagtta gggctagatt acatcacttc ctagtgatcc gactgcgtgg 240
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 gataaatata ggctgactca aatcagggtt cggcggtcac aaggccgtct atcaccaatg 360
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<210> 7820
 <211> 899
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7820
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 cactgtcgtc cgcatcagtt gtaaattatt gggtagcaac acagtacacg tacatcggcc 180
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 cattttagc tcattggccc aaagaattgc tcccaaccaa aaacagagcc ctggattccg 480
 ggatatacct atgttttgcc cgctgtata gcattactat gggccccctc acgccagagg 540

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<210> 7821
 <211> 471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7821

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 taccgtccgc cgatataggt gactgcaaca ctgctttctc gaaactgtct ccattccatc 180
 cactctcaat actctcgcta tttaatctgt cattctgccc gcaactgctc acgtaggcct 240
 gcggtgtccc ctacagatac attcaagaaa ctgtacttag gtatattatt ccctgggttt 300
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 aattcatgga acattaagtg ccttaccacg cggttctgtc catttaatta ttctggctcg 420
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<210> 7822
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7822

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 acgcaaccca gatatacaaa tcatcatcat aaagctggct attacgtgtc tctcactccg 180
 agcctgaacc tagcgagtat caggccaagc ccagaaocaa ggcctatagt ccagttccac 240
 ctcttccata tatcatatgt aaattttcca gcatgagtta catataatag atgattccag 300

tccagctgcc tgttgctgct gctaccgctc ctccttgaat ccagaccaga ccgcaatgcc 360
 attaataaat agatgggaaa tactcgcggg atcgcaagaa agaggaaaca gaaaaaaaaa 420
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<210> 7823
 <211> 1048
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7823

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 ttctggaact tgatcatatc gctctttgag acgtcccacg cgtggtagcc tccaccgtaa 180
 ttgccaaactg tttgttctta gcaatctctc tcgagaaggg agagtctggg agcaaatacg 240
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 caatgacagt cagctttact ataacagaaa ctagaatatt ggcaatgttg aactcacagt 420
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 ccttgtgggtg aactcagctt ccagaacctg gacattcaga caaagcccgt aagcctgacg 660
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 taagtggctc atttcgagga gcatgcga 1048

<210> 7824

<211> 607
 <212> DNA
 <213> Aspergillus nidulans

<400> 7824

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 gaagaagtgc aaaacgaagg gaaagaccgc agaattgtga cggtcgttca gagctgtaac 180
 aaaacacggg gaggggttgg aatggggacg cgggttgtag aacaagggcg gcggtgaaag 240
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<210> 7825
 <211> 881
 <212> DNA
 <213> Aspergillus nidulans

<400> 7825

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 aaaaggtacc gccccgtcca gggatgtaaa aaatggggct acacctgtgg ggggaaacct 540

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<210> 7826
 <211> 599
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7826

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<210> 7827
 <211> 1622
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7827

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gcacgcaagt ttggctggac tggccacctg gactcatttg attcctttgt ggacgctttc 240
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<210> 7828
<211> 1043
<212> DNA

<213> Aspergillus nidulans

<400> 7828

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caggggaagg gggtcgaaat ggtgagaatc gcgtcggagc ggagatattg ggactcggag 960
atataaggag atttacggtt ctatgaggta catcgaaaaa ggcaagtctg agctgttctt 1020
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<210> 7829

<211> 1238

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7829

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cccgaagccc tctggtttcg tgaccgccag ccgcccttac cctacgcact ggcgccgccg 180

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 gtaactcagc ataagcgatt gtgtcctaca tcaggggtat cacggcatat cataaacaac 660
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 aataccttcc cgcacaattc tttctttcat tctctcccac tcgagccacg tcatgccctg 780
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 gtcagagcca gctgcagcty cngaacggac gccgcagcca taaggagaag atgtaggagg 1140
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<210> 7830
 <211> 640
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7830

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 tctacaaaaa cggaattacg aactgacaat tttcgagtag cttgggccct tgagtaagtc 240
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gttttggcac tcaactctccg cctcatcacc acgaccgact acctgccgta ctctcatatg 360
cgaactgcgc gcacctgcat tctcgacagt caagggacaa taacggggcgc cggctggcctt 420
cgaaatgcgc gtgcttacga aatgatagat tgtccctgtg ttgacaccga gttcctctac 480
aatttcgacc tgctggagcg gccccgcagc ctatatctct tcaccttcag ccgttggtcg 540
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taagagctgc ttccgtgggt ctacctgtga acgctgagag 640

<210> 7831
<211> 277
<212> DNA
<213> Aspergillus nidulans

<400> 7831

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agaagggcgg gggcgggcga tacgcagaat acaacggacc agccggggga agggcacggg 180
ggcccgccca gcggcagggg gataagggcg gagccgaagc gcgccagaa gggcggaacg 240
gccgcagggg gagggaccga ggacgggcag cgcccaa 277

<210> 7832
<211> 764
<212> DNA
<213> Aspergillus nidulans

<400> 7832

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gtccggcttg gggttcgtga tgtgcgcgcc gtagacagga agcgaggtat cttcgacaag 180
gcgctgggct atggcaggaa tggcgacgag gaagctattc gtgcctgtta gtctcaacaa 240
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gaagatagtg ccggcgagaa ggtaacagca ccagaatcgt gcaaaatgcc ttttcagacg 360
ctgtcgtttg ccgagtttcc ctttcacgag gctgccaccg cttgcaaggg cttcgacgtg 420
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 ggcagggggag ggatgctcgt agtggggtaa tatggggttg ctgggccctg gcagatgggt 660
 tagttataat cgggggtagg ttactgacta tacttatcta gctccacttc ctccaatgcc 720
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<210> 7833
 <211> 687
 <212> DNA
 <213> Aspergillus nidulans

<400> 7833

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 gcaatgggaa atgtacgtcc aacaacccta ttccagaacc agacgtttcg cgatcacagt 180
 taacacaaca tcaaacagat cctcttctta atcggactaa ccctaatacat cggcctcgaa 240
 aaaaccatcg ccttcttttc ccgccgcaa aaactcaaag gcaccgccgc attcaactctc 300
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 tttggcttaa gtgggatgag cgtgttgaga attcaaggag acggaaatta agtaatgcct 600
 acttacgaag ttgtgaaggc ctgagtgggt ctcttcgata atgtctatat tactatgata 660
 acgaattaat atatctataa tgacctt 687

<210> 7834
 <211> 554
 <212> DNA
 <213> Aspergillus nidulans

<400> 7834

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 gacgatgaag gttatctgta aagaccgcca gaaaacgacg gctcctgaag gacgtgcgct 120

aaactcggtc gccggggata tcaacaagct tctcagcccc aaatcctacg agcagttgca 180
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 ttgggaggag ctcttacgca gcctcactgt gtggaaggct cgcgcaaagc tgaagagggt 300
 ctatcaagat gtcatactg agcgagttcg ggcactacgt cggcaacagc gcgaggaagc 360
 tgagtcagtc cgtacgaagc tggcgccact ggcgcccgtg gcccggcagg gcacagcgaa 420
 aatcaacgag gaagagtttc gtgatctgga tcctgaccca ttgcttcaga ttcggtccaga 480
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<210> 7835
 <211> 526
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7835
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 gcgctggagg gtacattcgg tgccattgaa gaaattggca ccgacgagga tgcagagaag 120
 gaggatcaac aaagcgaaag tgaagagaaa caacgcatga aagaggaggc tgatgaggaa 180
 atacccatgg agaagcctca agcatacctg gttatgggct gcgttgtaat cagataccac 240
 ccccggaactc gcgaggtcga gcttcagtgg gaagggaaca tgatgaatga cgggattgcc 300
 gatgcagtca tggccgtcct acttactgtg gagagcagcc cagcatccgt gaaacgtatg 360
 tccccgcgca actcatactt gaattcttta tccatattga ttgttccttg ctaacaaaat 420
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 gacaccctca aattccttaa tccgcacgct gctcaagatg cagaag 526

<210> 7836
 <211> 935
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7836
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gtcgcttccc ttggtggct attctttgtc ccctatcagt ggaaggggag tatagccaat 180
 aattcactcc tactcagggg caaatgggtc tggggaaggc acgtgcagtc cattaccgca 240
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 tggatcgoga ctggcgatgt ttacgatcga tctgctaact cgaaaccatc agcaaagttc 360
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 agagacgcta gagtcgacca catgggtctga taagccggag attcatagct gctcatagct 480
 gcgaccccg c acacagtggg tgtgttttga agcctggctg tccaagggtt atgatactgc 540
 gcaacatgaa cgtaacaata atattgggtc accgtgacag acatggggcca gaaacatgtt 600
 ttgcgctcgc cagacggcag gtctgacgtc agattaccca cggctttgtt gagaatgctc 660
 tgcgtaaagt ggtccggggc cggagttctt attaaccacc gtctcatgca agagctcaac 720
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 gcctcatgtc gaccgtgcgt ctcaaggatg agggg 935

<210> 7837
 <211> 963
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7837

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 tgtccgggac tcgctcgatg aagaagagag gttgagactg cggtggggtg gcagaatcga 180
 ggccgatgtg gggcgagg cgggcgcgtt cgttctctag ctcatctatc tgtatttcag 240
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 cgtcgattgt ggtttttggg tgtttcgtga cagagtgagc atgcgatact ttagtggtg 360
 gtgcggggtc agagagagag atgcttggcg ccattggatt cagaattagc gacattcaca 420
 aaagacgagg aagtagtca tgaaaggcct agtgctcgag tgaattgcga ttcccatcat 480
 atatatatta gaaaaaagag ccagtcttaa attgcaaata atcattgact gcctggatgc 540

agcccaactc gaatcctctc ctgcttgac caataatgcc atgcatggtt gcatacacat 600
gaaacgtcta ggccaaatac agttacgtcg atgcccgaatt ctcttggtta aagggcttga 660
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tcttcacag cgcagggtt gagatggagg acctgggtgg agtgctacca agttcctcgc 780
tgggcagtct atatagccag ctacagacctt gctccagtac tgagccctca cgaggagggg 840
accgcatcca ctgcaatgag cagagtacaa aaatatacag aaaatataca aaataatatg 900
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tga 963

<210> 7838
<211> 1139
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7838

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ccagaacgag ggagccattg tgggggtcgg tgcggtccc gctgagga cgatgggtag 180
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gcggtagcag ggtttccagg gtgagtcaag gtgaaccagg gtataaagta gcgtataagt 720
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 aaataggtgt ggtgtgctgt ttttttacct tttttagtgg gttttttttt ttaccgaata 1080
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<210> 7839
 <211> 421
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7839
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 cccgcatagc ccctatccac atgcgctcgt tcaatgacat ctagtaggaa acccaccgac 180
 tccgcggcgg agatcggccc cttaaaagcc ggcgcatagc tcgcaaactg ctggaacatc 240
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 cccggcgaga gagccaggaa cagaatcccg tccttgccgg actgcgcgct gaactttgca 360
 acagcagggt tcatggcggc cttgctgata cctgaagggg cttcaacggg gatattggac 420
 t 421

<210> 7840
 <211> 944
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 7840
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 ctgctgaggt cgtcccttc gagtcttgaa tggaactgta tcttactcg tttccgttct 180
 tgtctattgt ctataggaaa tctcggctaa agagtagggg tccttctgag atatggacaa 240
 gactccttga tcaacttgac actcctcaac tttccggta ccgtctctat ttctcacggc 300
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tctgtgctgg acggaacttc tgcgtcggac gctaggatgg actttctggg tccttcgaat 540
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cccttttctc ttgaaggagt agtttcacag gcgcaaatca tctccctctc ccctcctct 720
cttcacgaa cccatattcc ccgtgagaat cgccataatc accttcacca acatgcgatg 780
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gcgcccttgc gcgthccgga gaccgttccc tcttcggctc cgtcctgttt gttcacagtg 900
tcgagcgttc attagtgtga acagatccga tcctggactg cttg 944

<210> 7841
<211> 893
<212> DNA
<213> *Aspergillus nidulans*

<400> 7841
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acggtgtgag catctgacag agctcttaaa gcaaaaagcag tacgctccaa tggctgtgaa 180
tgagatggtg cccttgctat atgctggaat caatggtctt atcgacagaa taccaattgg 240
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tctattgctg acttattgta ctttctctct cctattgtat tattcgaca agctttgact 480
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gtattgccct ttacagtat ctaggagtta tcaacctctt taagtgatca aacctcttac 660
acggaagtat gcactgatga gatgacaaca tataatgcag gttttcgtta gtacatagta 720
gcatagctaa ctctactcta catgccactg actcgagcgt ttctgtacac tgacatgtcc 780

ctagtatcgt aataattgca gcggccttcg ttgcctacat aatgtacaga cgcgcgagtt 840
 aaaataaacg tgaagtccat aggacaacct atgctggacc taaatcctta cta 893

<210> 7842
 <211> 467
 <212> DNA
 <213> Aspergillus nidulans

<400> 7842
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 atacggactg ctaatacccg tgaactcctt gatgattccc tcacgggcct tcttgtaaa 180
 ccccttggga tctctcttct cagcaacctc aatcggcaca tcaacgaata cctcgacaaa 240
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<210> 7843
 <211> 1352
 <212> DNA
 <213> Aspergillus nidulans

<400> 7843
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 cgaccgatcc gtgcctccat tccccacctc agctattgaa gatcttcccg tcatcttgcc 180
 aatactgtag atgccgcggt atgctgagaa aactgagag ggggccacac ccccatatta 240
 tactacattg ggttaatgaa gtcgggttga atgtggaatt aaataaattg caccctatgg 300
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 atgcgcgaac ctgttagcct tgagcagtgc gcatacgcaa ccagacgaag attgcggcga 480
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 agcatcccaa gtaccactat aggcatata tgaccttaag aaacgtgcag aatttgtatc 720
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 catttttctg tattgcctta attataaaag cgcttgggcc ttataatgaa cgcaaatct 1200
 ttttctttta gttatgtttt attgtgtacc aatgaataat taaatatttt atatttttta 1260
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 gtgtctaattg aatgtacccc tccctcccc ct 1352

<210> 7844
 <211> 521
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7844

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 gtgattccga aacatcctag cgcattgaga attcgcaata gctgagtgag cacgaaaaaa 180
 gaaccgctag agacatatgc aagacgtgtt gtgcgagcaa aaaccgctaa gaaaaggaaa 240
 gacaacttcg tccgtacttc gtctaatac tatcccttcc gagcgcgccg cttcgtcaca 300
 ttctgagatc tgggtctgat ttttgacgcc ggctcatcgt cctctcgagg agtttcggcc 360
 ccagagcctg aaccactctg tgactcgacc tcaacttcgt tccgttctg ctcacatcc 420
 tctttcgtaa ctattacacc gtcagaggcg ccatcgcttg tagatgtcga gaagcgggtg 480
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<210> 7845
 <211> 1493
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 7845

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 cctggtgtat agtgaatcgc gatgattgcc tcaaattccg gcgcacgttc ctggtcaccg 240
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 atcctccgag ttttgaaagt tcgcatatcc cacacaatga cagttttgtc tcggccagcg 420
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7846

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<211> 1181
<212> DNA
<213> *Aspergillus nidulans*

<400> 7847

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 <213> *Aspergillus nidulans*

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<210> 7849

<211> 885
 <212> DNA
 <213> Aspergillus nidulans

<400> 7849

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<210> 7850
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 <213> Aspergillus nidulans

<400> 7850

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 <213> *Aspergillus nidulans*

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<210> 7852
 <211> 523
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7852

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<210> 7853
 <211> 906
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7853

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7855
<211> 1791
<212> DNA
<213> Aspergillus nidulans

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<400> 7856

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<211> 635
<212> DNA
<213> *Aspergillus nidulans*

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<211> 914
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7860
<211> 718
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7861
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 <213> *Aspergillus nidulans*

<400> 7861

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7862

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<210> 7863
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7863

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<210> 7864
<211> 482
<212> DNA
<213> *Aspergillus nidulans*
<400> 7864

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<210> 7865
<211> 925
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7865

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<210> 7866
<211> 832
<212> DNA
<213> Aspergillus nidulans
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7867

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<212> DNA
<213> Aspergillus nidulans

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<210> 7869
<211> 280
<212> DNA
<213> Aspergillus nidulans

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<210> 7870
<211> 745
<212> DNA

<213> Aspergillus nidulans

<400> 7870

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<210> 7871

<211> 1140

<212> DNA

<213> Aspergillus nidulans

<400> 7871

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<210> 7872
<211> 946
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7873
 <211> 154
 <212> DNA
 <213> Aspergillus nidulans

<400> 7873

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<210> 7874
 <211> 138
 <212> DNA
 <213> Aspergillus nidulans

<400> 7874

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<210> 7875
 <211> 910
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7875

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<210> 7876
 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7876

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<210> 7877
 <211> 1287
 <212> DNA
 <213> Aspergillus nidulans

<400> 7877

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<210> 7878
 <211> 882
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 7878

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<210> 7879
 <211> 645
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7879

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<210> 7880
 <211> 542
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7880
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<210> 7881
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7882
 <211> 493
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7882
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<210> 7883
 <211> 600
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7883

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<210> 7884

<211> 1337

<212> DNA

<213> *Aspergillus nidulans*

<400> 7884

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<210> 7885
<211> 843
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7885

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<210> 7886
<211> 1145
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7887
 <211> 1030
 <212> DNA
 <213> Aspergillus nidulans

<400> 7887

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<210> 7888
 <211> 160
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7888

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<210> 7889
 <211> 897
 <212> DNA
 <213> Aspergillus nidulans

<400> 7889

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 cagcgtccat gaggcataag ttaggactcc agcttggtgg ggtataagag caatcggttc 420
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<210> 7890
 <211> 485
 <212> DNA
 <213> Aspergillus nidulans

<400> 7890

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<210> 7891
<211> 136
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7891

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<210> 7892
<211> 333
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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cgcgatcggc angttagacc tggtagccta ccgnhgtcag ccctcagtcg agttntncat 180
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<210> 7893

<211> 582
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7893

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aatagccaac agacgataca cagcttgtga agtcgaaggg ggatgaagat tgacgcagcg 540
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<210> 7894
 <211> 1119
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7894

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atatatcadc aagggatagg agtcaattct tgtgattgca gtactatatt atctctgtga 540
agacctcaaa aaacgatcca aaggatatag ttgactcgtg gagaacgaca gctcactact 600
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<210> 7895
<211> 1155
<212> DNA
<213> *Aspergillus nidulans*
<400> 7895

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ccagcatcct gctcctctac tcaaagcgca cccgatgccg tctttcgaa agctggccgg 180
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<210> 7896
 <211> 283
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7896

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 tnatggntct tacaagttag taaacgatcg naaagntggc actaggttnt ntctcgcnt 180
 acttaangca ngnactgccg atagtgcaaa ggngcggcag agagacaggg agntgataag 240
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<210> 7897
 <211> 1510
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7897

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 gaagagcgag tctcaacat cggaagctaa acccttttgg cgaatcacca gccccgcac 180
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 gcgtagcaga cacaaaatgt caacgccaaag tagcaaaacg agagccccgc gcactgtctt 360
 cgaagagcag cgcgaggagc tggtcaggga gattgcgaat gtgagtggca cgaacatcgg 420

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<210> 7898
 <211> 232
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7898

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 agcgaatcgc acagantgtc ccgagcagct tntgtacgct gtgtacacac aacggccaga 180
 catacgtgta tcaggatttg anttcccacg cccgataagg aaagcgggat ga 232

<210> 7899
 <211> 677
 <212> DNA
 <213> Aspergillus nidulans

<400> 7899

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caagaatatt atagaaaagg gatgagttcc tgtcatcatc caggctcctt ttctagggtt 180
gaagaggaat tgcgaacgtt gagatcatga ttttgtcaaa cagtataata caaggactcg 240
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gtctcctcta ttogttgatc tttgcaagaa tcctgggttg cacgattaga cacgattcgc 360
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ccaatcttga gggggctacc tccgaactgc agtaagagaa ccgtaagcat ttattccgcc 480
caatgaaagg aatatatagc atattcccaa gaaatcaaaa ctcatcgat tcgatgtgag 540
aagaatcgga acgtacctga aggaccaaga cacggtcacc agcagcaaca cccatgggga 600
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gctccttgac gctgctc 677
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<210> 7900
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7900

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caagaatcaa agaccgaaaa aaagacgcn gtatgtctca gatgtttggg ttagatctgc 240
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gctcatcttt cttegttcag ggtccggtcc atcggtcagc atcagatctc tggcttggga 540
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gcaaagccct gtagatatgt tgatcgagca tacttagagc taacattgtc gaaaattttc 720
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<210> 7901
<211> 644
<212> DNA
<213> *Aspergillus nidulans*
<400> 7901

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cagaagcaga aggccagctc tgtctccgcc tccgcactgg tctgcatcac aacggatttg 480

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<210> 7902
<211> 153
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7902

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cccagaaaag caatcgcgga ggacattgcg cagtcggacg acaaacggga ggcgcccgaa 120
ggtgggaaga ctttttgca ggagagctgc gga 153

<210> 7903
<211> 189
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7903

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gateccatcc gactctcagt agctgggtgg tgttacattn ngctangggg ttctaggagg 180
tgggtttga 189

<210> 7904
<211> 830
<212> DNA
<213> Aspergillus nidulans
<400> 7904

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<210> 7905
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7905

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 ctgtgagggt tgctcagtgt ggtggaaggg gtcgaggctc acctcagcga tcgagagggt 480
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<210> 7906
 <211> 420
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7906

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cattctacct cgcccggcca gagcccaact tcgaccagca tgcaggagga caactcgctg 180
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<210> 7907
<211> 743
<212> DNA
<213> Aspergillus nidulans

<400> 7907
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atcccattct cttccgtctt accctcctca ccaaagaacc ccttaacagc cacaccaatc 180
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<210> 7908
<211> 177
<212> DNA
<213> Aspergillus nidulans

<400> 7908

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<210> 7909

<211> 863

<212> DNA

<213> Aspergillus nidulans

<400> 7909

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<210> 7910

<211> 685

<212> DNA

<213> Aspergillus nidulans

<400> 7910

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 gacagactgc aaacgatcgg caatcagaga gtggcctggc cccgctgact agtgcgtata 180
 ctcacacaca tgaattggga ggctattacc gcctacttag caggcacaac caccgggtca 240
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 attatcccag ccaagggcag acggactgta acaacataat ggggttaca cgcaagaaca 420
 tattggcaaa ggtagacca aaagggctag cccaataagg gcgtttgttg aaccttacat 480
 agtccccccc caggcgagat aaaatagccg tcaccaacaa gggtgccacc ccaggggact 540
 tttttacaaa agttttgtgg gaaaatagac cactttattc ctatttgcag aagacacaaa 600
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<210> 7911
 <211> 599
 <212> DNA
 <213> Aspergillus nidulans

<400> 7911

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 ttgtaggact cgaagcacia gtgtatacaa ttattccatc ggcaaaatca ttagtaatct 180
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<400> 7912

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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 1114

<212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7915
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<211> 123
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7917
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7918
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 <212> DNA
 <213> Aspergillus nidulans

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<400> 7919

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<210> 7920
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7920

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 <400> 7921

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 <213> Aspergillus nidulans
 <400> 7922

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<210> 7923
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7923

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<210> 7924
 <211> 1103
 <212> DNA
 <213> Aspergillus nidulans

<400> 7924

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7925

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7927

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7929
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 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7931

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<213>      Aspergillus nidulans

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<210>      7933
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<212>      DNA
<213>      Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
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 <400> 7935

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 <212> DNA
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 <400> 7936

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<210> 7937
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7937

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7938

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<210> 7939
 <211> 644
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7939

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gtgttcaggc gtcggcgagc caccaagaag tagctgccgt caccgccatg tttcttacgt 600
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<210> 7940
 <211> 768
 <212> DNA
 <213> Aspergillus nidulans

<400> 7940

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<210> 7941
 <211> 484
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7941

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 tatccctcac cctagtcagg cagaactgaa tatatttaaa tcgttttaaa agaaatttag 180
 taaattatta ttctagttt attttaatat aaaaaattt atatcttgat attaatagct 240

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<210> 7942
 <211> 330
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7942

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 gtgcttttagg gcaagcccag gtgattctag ctagactatt catcacgaaa cegtgaacac 240
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<210> 7943
 <211> 710
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7943

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 cgtcggcacg aaactcttcg aatcatctc ctgttggtta aacgactgcg gaaacgcagc 180
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 ttgcgagg atgaggtcgt cgcactgcaa caacatccc ttagcggagc taggtagagg 360
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 cagcaacca acagccccac cgccaacaag actgtcacga tcgtcaaaag atccctcctc 600
 gccaccaga gtgtgagcag aaagcacaca ccagtagcaa tactagccac tttgctggca 660
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<210> 7944
 <211> 1495
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7944

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<210> 7945
<211> 640
<212> DNA
<213> *Aspergillus nidulans*

<400> 7945

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gctgccagg ttctcaacta cgtttacgta ggtataggac tttctgtgat ccccggtgcc 240
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ttccttccc agtctcccag gtggctgatt cggcagaata gagtggagga agcgaaggcg 540
agcctgcaga ggctttgcga gggggctttc aaagcggacc aagtcgacaa ggaatttaga 600
gagctggagt ttgcccttga aatgaggggtg agcagggaat 640

<210> 7946
<211> 154
<212> DNA
<213> *Aspergillus nidulans*

<400> 7946

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gcagataccg tcaactgccgc ctatacaggc tactcatgag cagatgagaa cgctgctgtc 120

gtatctgata ccgcaaacac attgttgtat atta

154

<210> 7947
<211> 793
<212> DNA
<213> *Aspergillus nidulans*

<400> 7947

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accctagctc agcaggcgac tccagtgcct acgccacagg tattcaacga ggagatgtac 180
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<210> 7948
<211> 657
<212> DNA
<213> *Aspergillus nidulans*

<400> 7948

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 tagtcgagaa tggcagcagg gttcaaaaac tgtatggcag tacagtggac gctgaacgtg 600
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<210> 7949
 <211> 1004
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7949
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1004

<210> 7950
<211> 629
<212> DNA
<213> Aspergillus nidulans

<400> 7950

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aatataagtt gcttatatcc aacaaatccg cttcccgcg gaattaatac aatgctctgc 300
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<210> 7951
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 7951

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<210> 7952
 <211> 832
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7953
 <211> 586
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7953
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<210> 7954
<211> 418
<212> DNA
<213> Aspergillus nidulans

<400> 7954
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<210> 7955
<211> 1114
<212> DNA
<213> Aspergillus nidulans

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<210> 7956
 <211> 864
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7956

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<210> 7957
 <211> 891
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7957

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<210> 7958
 <211> 104
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7958

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<210> 7959
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7959

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<210> 7960
 <211> 738
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7960

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<210> 7961
<211> 612
<212> DNA
<213> Aspergillus nidulans

<400> 7961

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<210> 7962
<211> 750
<212> DNA
<213> Aspergillus nidulans

<400> 7962

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<210> 7963
 <211> 885
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7963

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<210> 7964
 <211> 766
 <212> DNA
 <213> Aspergillus nidulans

<400> 7964

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<210> 7965
 <211> 814
 <212> DNA
 <213> Aspergillus nidulans

<400> 7965

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<210> 7966
<211> 521
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7967
<211> 541
<212> DNA
<213> *Aspergillus nidulans*

<400> 7967
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 <211> 846
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7968

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<210> 7969
 <211> 900
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7969

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 <213> *Aspergillus nidulans*

<400> 7970

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7971

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<210> 7972
 <211> 197
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7972

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<210> 7973
 <211> 131
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7973

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<210> 7974
 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7974

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<210> 7975
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7975

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 tattactagc aaataccctt gtaatatattg cagaggacat tcaccaattg ttggtccgaa 480
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 aatgggtcga gcaagcactg cgacaagaca gcttcacggg tcctgagggt aactcgacat 780
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<210> 7976

<211> 103
 <212> DNA
 <213> Aspergillus nidulans

<400> 7976

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<210> 7977
 <211> 749
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7977

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 ccgttccagt cattcctcag gttcccacct caagtgttgc ggccaccccc actccgtcgg 180
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 gcaeggctag ctcggaagac tccaccacta cggtcgggac aacaactacc accaccgttg 300
 aggetgagcc taccgattgg gtgccgacca gcattatcat cgagcctagc cccactgaaa 360
 ctgagacgtc cagcgaagag accacaaccg ttgcccttac acagctaccg ggatccatct 420
 cccagctgg aggtgtccct gatgtcctg aagggtctac tctgatccag ctgggtttca 480
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 ttgccatttc accctatgac agcgaagcca ctactggta cattgctact gttgccaag 660
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<210> 7978
 <211> 1179
 <212> DNA
 <213> Aspergillus nidulans

<400> 7978

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<210> 7979
 <211> 1114
 <212> DNA
 <213> Aspergillus nidulans

<400> 7979

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acagtgaag tgagactgag gaaatcacia ttacacctca cctgctccct tatgatccat 300
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 tgacccgtat gatggaatca gtcctaaaag gccactcaac atgcaaggaa atgcctgatc 480
 taaatatcgg cgaggtatac gcgacgtata cgaatgctct ggtaagtatc actgcctcaa 540
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 ttctggatat tgcttttcag caactcgaag cccgaaacca cccaagcaag aacctcctcc 660
 tggacatcaa cctccttcgc gaagaactcg agacgatcat agcaaatac gtcgaacagc 720
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 tcacagaatt gattaagcga gcaaactcc tcgagcgcca gatcgtgcag cgcgtcgata 1020
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<210> 7980
 <211> 963
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7980

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 gttatctcat atccacagaa gtcactgac acctttcaga tacattccca cctctcagag 240
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 caatactttc tctgtccctg acgatgatct tgatgatgtc gagtatctcg gtgactctcc 420

gatagggcgt cagaatgcc a tcgaccttac tacagaccaa acatccgatt caaacgcttc 480
aagtgcctgg tcggattggg aagacaatca ttctgtggct gaggtcccgt ccccatgac 540
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caagcaagac atgccgcaaa aggttaagcc cagcattgag aaagttgtga actctgagca 660
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cggcgacgac caatatcatg atgagtattt tgctcacagt ttggaggaag accccaacgt 780
tgggcccga aactggagta ttggggccga agcgggagag gacgaaaacg aggagcagaa 840
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gct 963

<210> 7981
<211> 569
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7981

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caggaactat atgtatgtgg aaggttttgg ttcatggcac ggagtagtta ctgacagatt 300
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gaacttctga tacgattgta ccaaagctgt ctagcttatt atgaggctca ttagcagaag 480
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<210> 7982
<211> 949
<212> DNA
<213> Aspergillus nidulans

<400> 7982

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aacatgctcc acggaagctc catcagactt ccccataatc cgagcctcct tcgcccttct 180
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cgagtcccgg tgacaagcag cgggtggattg gacctgtagt acgagtctac atcttccagg 300
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catgagcctc ggcgggccgaa gcattcgatc atcgttactg cgatgcagga gaatatgaag 900
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<210> 7983

<211> 108

<212> DNA

<213> *Aspergillus nidulans*

<400> 7983

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gcggtttgag acgatgtaca agtaaccaat agagcaatcc actgcacg 108

<210> 7984

<211> 139

<212> DNA

<213> *Aspergillus nidulans*

<400> 7984

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 tcctcttttg gcattcgtc 139

<210> 7985
 <211> 143
 <212> DNA
 <213> Aspergillus nidulans

<400> 7985
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 gacagggttaa ttcaggtata ttt 143

<210> 7986
 <211> 651
 <212> DNA
 <213> Aspergillus nidulans

<400> 7986
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 gatcgacagg tgaattctcc tccactatat tttagcagct aagaatacca ggactcact 180
 ggactgaacg gaaaacgagt gccctgtaaa ggccggacgaa tgggagagag aaaaatgcgc 240
 gtatgcacgg accagccgat gggcccgcgg agccctaact ccaccggcta tacaagatag 300
 gtgtatactc tggggccactg aaggctcagc cggggcccaa gttttataag atataaaggc 360
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 cgagccctac gtcgacgatt actatctctg ggagtacatt ccctcccttc ctgcatctat 480
 catcttcgtg ctgctctttc tcgcccgaac gctcttccac tgctggaaag catggaaatc 540
 acgagctcga ttctgtatac ctttctgcat tggaggaata tgtacgttct aaccgctact 600
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<210> 7987
 <211> 629

<212> DNA
 <213> Aspergillus nidulans

<400> 7987

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 aagcggaggg agctggtgaa ttattataga agaagacgaa ggagcaaaag gttattctta 240
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 tcagagactc actgcgttcg acaggagtcc aaggagtccg agaaatgcga gagttgcctg 480
 attgggctgc atctttttac tttcctgtat tattattatc gtcgggacat gactggccct 540
 ctaggcatgg ctgcgaggag tgcagaacgt gggaagagcc tcttgaaccc cagaatcaga 600
 tccaatccca aaccagtact caagaaagt 629

<210> 7988
 <211> 902
 <212> DNA
 <213> Aspergillus nidulans

<400> 7988

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 ctacaccagg tatacagagt tagcgactca tgggtctaata ataagaaagg gaaagggggg 180
 gatattgtta atttaccagg ttaaccatcc agccgagagc ctgtgcataa acaaacgctc 240
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 cgtcaagcat gacgaccgat gaagaagtaa tggcattaaa cgcactataa ggtgttattg 360
 ctagcaagat gtaccagtca aagcacttac cttgatgagc cgaggaaaat gcaaccgaat 420
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gcttgtcgtc atgatcgtgg tggccgcaaa aacagtgc aa accagcggaa acctgcaaga 660
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agatcgatcc cgcgttgcta ttagtagcat catggaaaat ctgcaacaga ggtgtcgcag 780
cagactcgat gaccagggtg atatctcctg caacaaaaag cagcacaatg agaaagatca 840
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<211> 828
<212> DNA
<213> Aspergillus nidulans

<400> 7989

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cgaatggcgt cttgggggtgt ggggtgcata ggaagtttgt cgtcgttcgg ctggtacgga 780
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<210> 7990
<211> 199
<212> DNA
<213> Aspergillus nidulans

<400> 7990

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cacgcatata aatagtcaaa tggagtgaag agacatcggc aaggaccttg ctcgttcgag 180
tggtacgctc gtcccaaga 199

<210> 7991

<211> 1124

<212> DNA

<213> *Aspergillus nidulans*

<400> 7991

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<210> 7992
<211> 110
<212> DNA
<213> Aspergillus nidulans

<400> 7992

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<210> 7993
<211> 137
<212> DNA
<213> Aspergillus nidulans

<400> 7993

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cgtcagtcag aattccg 137

<210> 7994
<211> 1055
<212> DNA
<213> Aspergillus nidulans

<400> 7994

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ggacatctcg acgcaagttc gcatggagg catctgggaa agggttgtgc agatcggcta 180

tcaagggcgg gaggggtcaa tagatgcaga ggtcgtatat aacctgtgag tgacactttc 240

aaacgtgcta tactatgcac taacaagctg atctactcag gggcactctt cttttgaacc 300

attctccttc ccaaattatc aatcagcaac gactcgaaac ctacctctcc tcttacgggc 360

aaccgaatct cgatattgaa gagcacctga actcgccac gagctctcaa caacaccgca 420

ttcgtaacgg aggcacagat acacaaaag acctgtctgc acgagttcgg ctgatcgagc 480

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<210> 7995
 <211> 668
 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

<400> 7996

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ccgttcggtt ctaccaacca gcg 143

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<212> DNA
<213> Aspergillus nidulans

<400> 7997

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<211> 126
<212> DNA
<213> Aspergillus nidulans

<400> 7998

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gcccta 126

<210> 7999
<211> 704
<212> DNA
<213> Aspergillus nidulans

<400> 7999

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<210> 8000
 <211> 728
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8000

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 <212> DNA
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<400> 8001

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<210> 8002
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8004

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<210> 8005
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<212> DNA
<213> *Aspergillus nidulans*

<400> 8005

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 <213> *Aspergillus nidulans*

<400> 8006

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 <213> *Aspergillus nidulans*

<400> 8007

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<210> 8008
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8009
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8009

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<210> 8010

<211> 99

<212> DNA

<213> *Aspergillus nidulans*

<400> 8010

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<210> 8011

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<212> DNA

<213> *Aspergillus nidulans*

<400> 8011

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<210> 8012
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8012

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8013

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<212> DNA
<213> Aspergillus nidulans

<400> 8014

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 <400> 8015

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<213> *Aspergillus nidulans*

<400> 8017

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<213> *Aspergillus nidulans*

<400> 8018

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<210> 8019
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<213> *Aspergillus nidulans*

<400> 8019

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<210> 8020
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 <212> DNA
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<400> 8020

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 <213> Aspergillus nidulans

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<211> 168

<212> DNA

<213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

<400> 8023

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 <213> Aspergillus nidulans
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<400> 8026

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<400> 8030

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 <211> 102
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 <213> *Aspergillus nidulans*

<400> 8031

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<400> 8032

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<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

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<210> 8035
<211> 615
<212> DNA

<213> Aspergillus nidulans

<400> 8035

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<210> 8036

<211> 990

<212> DNA

<213> Aspergillus nidulans

<400> 8036

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8038

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 <213> *Aspergillus nidulans*

<400> 8039

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<210> 8040

<211> 1710

<212> DNA

<213> *Aspergillus nidulans*

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<211> 1157
<212> DNA
<213> *Aspergillus nidulans*

<400> 8041

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<400> 8042

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<400> 8043

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 <213> Aspergillus nidulans

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<210> 8045
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8045

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<400> 8048

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<212> DNA
<213> Aspergillus nidulans

<400> 8049

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<400>

8052

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<213> *Aspergillus nidulans*

<400> 8053

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1533

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<213>

Aspergillus nidulans

<400>

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<211> 676

<212> DNA
<213> Aspergillus nidulans

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<400> 8062

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 <213> Aspergillus nidulans

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<210> 8065
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<400> 8065

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<210> 8067
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<210> 8068

<211> 1160

<212> DNA

<213> *Aspergillus nidulans*

<400> 8068

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8071
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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8072

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 <213> *Aspergillus nidulans*

<400> 8073

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<210> 8074
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8074

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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8076

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<211> 601
 <212> DNA
 <213> Aspergillus nidulans

<400> 8078

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<210> 8079
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8079

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<210> 8080
 <211> 394
 <212> DNA
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<400> 8080

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<400> 8081

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 <211> 720
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8082

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 cgatccaggc agattgaaat atgggacagg ccataatgac ctttacggtc atgttgagag 660
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<210> 8083
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8084
 <211> 522
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8084
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 gctcgcacct acgtaggatt tcttttatct gcagggttgc atctgcagac aggggatgat 180
 gttggccgtc agcttgactt attgcgttgt tggactgttc cagccaacaa gacctcttca 240
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 gcaccagaat actcagcggg tgctaaacat ggccagatta cctgacagga aacgactcga 480
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<210> 8085
 <211> 848
 <212> DNA

<213> Aspergillus nidulans

<400> 8085

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<210> 8086

<211> 853

<212> DNA

<213> Aspergillus nidulans

<400> 8086

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<210> 8087
<211> 883
<212> DNA
<213> *Aspergillus nidulans*

<400> 8087
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cgcggtgccg tttgctgtca acgtcttggg gggatcgta cgcgtcgggc ttatcggagg 840

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883

<210> 8088
<211> 869
<212> DNA
<213> *Aspergillus nidulans*

<400> 8088

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<210> 8089
<211> 1048
<212> DNA
<213> *Aspergillus nidulans*

<400> 8089

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<210> 8090
<211> 841
<212> DNA
<213> *Aspergillus nidulans*
<400> 8090

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<210> 8091
<211> 158
<212> DNA
<213> *Aspergillus nidulans*

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<210> 8092
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 8093
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8093

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<210> 8094
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8094

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<210> 8095
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8095

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<210> 8096
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 <213> *Aspergillus nidulans*

<400> 8096

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8097

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 <213> Aspergillus nidulans

<400> 8098

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<400> 8099

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<212> DNA
<213> Aspergillus nidulans

<400> 8100

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<212> DNA
<213> Aspergillus nidulans

<400> 8101

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<212> DNA
<213> Aspergillus nidulans

<400> 8102

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<210> 8103

<211> 210

<212> DNA

<213> *Aspergillus nidulans*

<400> 8103

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210

<210> 8104

<211> 710

<212> DNA

<213> *Aspergillus nidulans*

<400> 8104

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<210> 8105

<211> 1114

<212> DNA

<213> *Aspergillus nidulans*

<400> 8105

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<400> 8106

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

<400> 8108

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8109

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<400> 8112

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 <213> Aspergillus nidulans

<400> 8113

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<210> 8114
 <211> 992
 <212> DNA
 <213> Aspergillus nidulans

<400> 8114

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tgtccctatc atttccctat catttcccta tcatttccct tccagaacce ccagcctca 360
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<210> 8115
 <211> 520
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8115
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 gaacgagAAC cccacgataa atgggatggg tgaaccgccg tgggagtgtg acatgtgggt 180
 gagacgtgag gagaagaagg ctggacgtgg ccgccgcgcc aatggaaagg gcgttggtga 240
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 gtatcaggat ccagtatgc tgatgcgcta tgcgcagtat tgcaaggaga gacatcaaAT 360
 ggatctttac gaagagcaca tggggaaagc ggctgcttcg ggatacaaag acgcgtgccg 420
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<210> 8116
 <211> 164
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8116
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tttgacgatg gactgagcgg cacgggcgac gtcagcagtt tcatccgcca ctggcgacgg 120
gttgccagcg cctgcggaac tcagacgttt attggtgtgt ttac 164

<210> 8117
<211> 908
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8117

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cacctttcct cccgtatcgc cagcattagc gaccatggtt cgcacatgag catcacaaca 180
acaacaggcc ggaccttcac aggccgaaaa gtcattgtct ccatcccaag caccatgtac 240
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<210> 8118
<211> 800
<212> DNA
<213> Aspergillus nidulans

<400> 8118

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<210> 8119
 <211> 658
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8119
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 ctcaatatca tcaacggcac tcaaactctca tgtcacgaaa ctctcactac tggcgatcaa 180
 tccccgttc acaccctctg cggtagcgaa gacgctttcg actcttaacg agtccgttct 240
 cccgtctctg gttacagccg cactccttat aacgccagag tctcatacga gggcgtttca 300
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 cgcaagggg gttgtcggct tcgtggtcag aagggcacag gagtatagag acttggttcg 540
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tgactcctag acaatgggtga tgaatatgaa gctgggtctg tgacaccagg accaagga 658

<210> 8120
<211> 596
<212> DNA
<213> Aspergillus nidulans

<400> 8120

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cggattttga gttcacatct ccaattccgt cgaccaagca catgtgaggt tgatcccaag 180
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<210> 8121
<211> 794
<212> DNA
<213> Aspergillus nidulans

<400> 8121

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aaataaaaaa ataaaaataa aaagacaaat tcaataaatc agacttggaa gcactgcagc 180
tctcccgctc cgatggaaag gtacgcgaag tagtgggttg agcgatccat caactgcccc 240
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gaccagaatc aggg 794

<210> 8122
<211> 533
<212> DNA
<213> Aspergillus nidulans

<400> 8122

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aaccacttca ggataggtct atgaaaggaa tgaacgctgg ggagggaata tatgcttaag 180
aagcgagcat aatgcccata aatatcaatt cgagcgaggt tgagagcatc agcgatgacg 240
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gtttgtccac gactctacgt cagcttggtg tctcaattct tctgcctttg accagtcttt 480
agtttagcatt ttgcactcta ttttccgcac ttaaccaga cataattgcc tgc 533

<210> 8123
<211> 982
<212> DNA
<213> Aspergillus nidulans

<400> 8123

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 atccagataa ggcagccggc gg 982

<210> 8124
 <211> 854
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8124

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<210> 8125
 <211> 1521
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8125

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 aataatctcg ttcgtaggct caggatcaac agcggcgctc gccctccaac cggcagctag 360
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<210> 8126
 <211> 434
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8126
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<210> 8127
 <211> 1078
 <212> DNA
 <213> *Aspergillus nidulans*

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 gagaagggcc tcgtcgcttg gatttgtaga cgcttacctg cggcaaacga gcgcgtccat 660
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 gttgggggtg aggtcacaaa cgattttctg tgcggattcg cctccgcact aggttctggt 960
 ggtcattaat aagatgaatg actgtgttag gtgaaaagac tggcattttt cctgtcgtta 1020
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<210> 8128
 <211> 1221
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8128

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<210> 8129
<211> 1272
<212> DNA
<213> *Aspergillus nidulans*

<400> 8129
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<210> 8130
 <211> 138
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8130

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<210> 8131
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8131

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 atcatcaagc cttccttcct cctcaaattg cgtgggttag ttcaattggt aacggcatcg 180

gcagtgcagc aaactggctc ctatctaact ccggcctcat caacaatgtt ctcggcactg 240
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8132

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<210> 8133
 <211> 783
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8133

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 aaaatcatcg tcatccaaac catcatcatc ataagcggtc gtctcaattt tgtcactcct 180
 cgacgcaact agcgacacct ttgtcttagc cgccttagtc ttcttgcttc ccttatcagc 240
 tgccctctcc tccttcatct tctcattgct cagcgtcgtc aacgcactag ccaccttctt 300
 aatatctcca ctaggcaatt ccttggccag ctgcttgccg aactccggca gccagagtgc 360
 atactgcggc ttcttgctct gcgcggtcaa aagcgggtaca agcgtgttcg acaacgtggt 420
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 cagcggcgcy cttctcggcc tegtctcgt cactctcgtc gtctctctcg tctcggcg 660
 ctttgccgcy tggttttgtg ctctgctatc cgtgtgctt tgctcgactt gttggcgca 720

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<210> 8134
<211> 934
<212> DNA
<213> Aspergillus nidulans

<400> 8134

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taacaacaca cgtgtttgtg cccactcgag aactaggcct ctccatgaag acgtttattg 180
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ggaaccaagt gatctgacca ccagcctcgg gtaacttcgg cttacaagct tgactccctc 420
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aattcggatg aactcgaaac agtgatcttg aaacagtaaa ctgggaggct gggaagtgtg 600
taacctcaca acagtgggcc aggaggacgg acaagcttca agacctctgc caactggatc 660
cgattccgag tccaagcaaa cttgcactag atccaggta tataagggtg ctgtcttcag 720
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<210> 8135
<211> 789
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8135

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 tgagattcgt gatgaactcc tccagcagga agcagccgac cgtcgacgcc gggaacgtga 420
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 ttcaggagga aggtcgaggc tcaccaatt cggcgatata ccaagagtag atcaccgcca 660
 gcggacagaa caggccgacg atcaagagcc aaagaaacag caacgccgcc aaatngttca 720
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 caatgcgcg 789

<210> 8136
 <211> 638
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8136
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 ccagcggat tgtcctcaat gtatcgtctt tgatgtgtta atccgtcaaa agctttaaga 180
 ggatttaata cggagttata agtggttgag gaggaggctt ccaccgttca ataaacgaag 240
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638

<210> 8137
<211> 125
<212> DNA
<213> Aspergillus nidulans

<400> 8137

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gtggtt 125

<210> 8138
<211> 831
<212> DNA
<213> Aspergillus nidulans

<400> 8138

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gctgggtatgc agcttgctga cgaggaactg gtagtactca tgcgcatacct gctgttgata 180
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ctccatgtct gagcgaatta gctctgcagc cggtgccaaa tcaatacctt tcacttacag 780
aattgatgac cagtgttttc tgtgtgtgac ttccggctgc cattcataca c 831

<210> 8139
 <211> 226
 <212> DNA
 <213> Aspergillus nidulans

<400> 8139

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 gagtgagctg taccgatgcc cacaagggtg aacaacgcaa tgaagc 226

<210> 8140
 <211> 575
 <212> DNA
 <213> Aspergillus nidulans

<400> 8140

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 catcgccgta tctccccggt tcaacaagtt ttactggacg caaaaggggg cgcccaagag 180
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 ggcttgccgg cttcatgaag caattcgac tgagcctttg tcacaagtca ggagatatat 480
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<210> 8141
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 8141

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tctcattatt catagattct gtgtaatgta ccaataatct atcctaaacc acatttccca 180
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<210> 8142
<211> 392
<212> DNA
<213> Aspergillus nidulans

<400> 8142

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<210> 8143
<211> 1151
<212> DNA
<213> Aspergillus nidulans

<400> 8143

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tagggtgccg g 1151

<210> 8144
<211> 450
<212> DNA
<213> *Aspergillus nidulans*

<400> 8144

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<210> 8145
<211> 838
<212> DNA
<213> Aspergillus nidulans

<400> 8145

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ttgaatttca taaagatcat gcgcttggt gctgatgtga tgcagacgag cacgcagc 838

<210> 8146
<211> 1250
<212> DNA
<213> Aspergillus nidulans

<400> 8146

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gacatgcgat atcaaaagtt gaaggtggtg acaaggacga gcgcttgata tactaaaaag 180
caagcctctg attggggaat attagtcac gaagctttgt tgccttaaag tttgtactgt 240
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<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 8147

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8148

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 <213> Aspergillus nidulans

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<400> 8150

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8152
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 <212> DNA
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<212> DNA
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<400> 8153

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ccgtcaagtg gaggaggacc ctgtatagtg aagcatcgga atgcatggac aagaccacta 240
tgtccatgta tgtaaaatag caggcaagaa gtggcatata aggcccatga gaacgtggcg 300